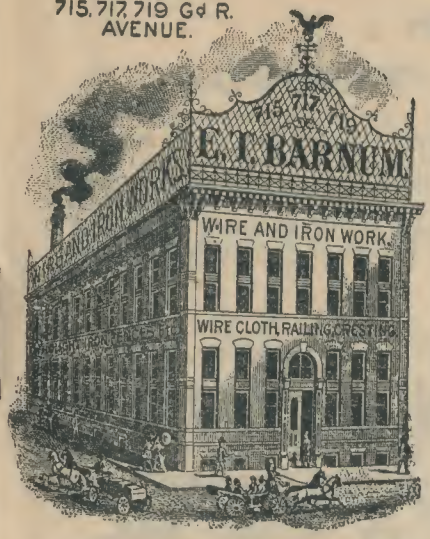
NEW WORKS.
715, 717, 719 Gd R.
AVENUE.



NO. 443 BUILDERS' CATALOGUE,

COPYRIGHTED BY E. T. BARNUM, 1891.

E. T. BARNUM

MANUFACTURER OF



No. 53 Cresting, 15 inches high, japanned per lineal foot, 45c.



BUILDERS'

WIRE AND IRON WORK

DETROIT, MICH.

IRON CRESTING OR ROOF RAILING.

Make a diagram of the roof, allowing about 3 inches for the Cresting to set in from edge, and give all the measurements distinctly upon the diagram. If a plan of the roof is forwarded giving the measurement where the Cresting is to set, it will be cut, fitted and painted, ready to put up, at the following prices. Cresting should be at least 24 inches high to look well upon any ordinary sized building. A Finial should be used at *each* corner or angle.

Cresting should be set about 3 inches from the edge of the roof, and in sending measurements, give a sketch of roof, making this reduction. For ridge roofs the charge will be 15 cents per foot extra net, if the feet are beveled to fit the ridge.

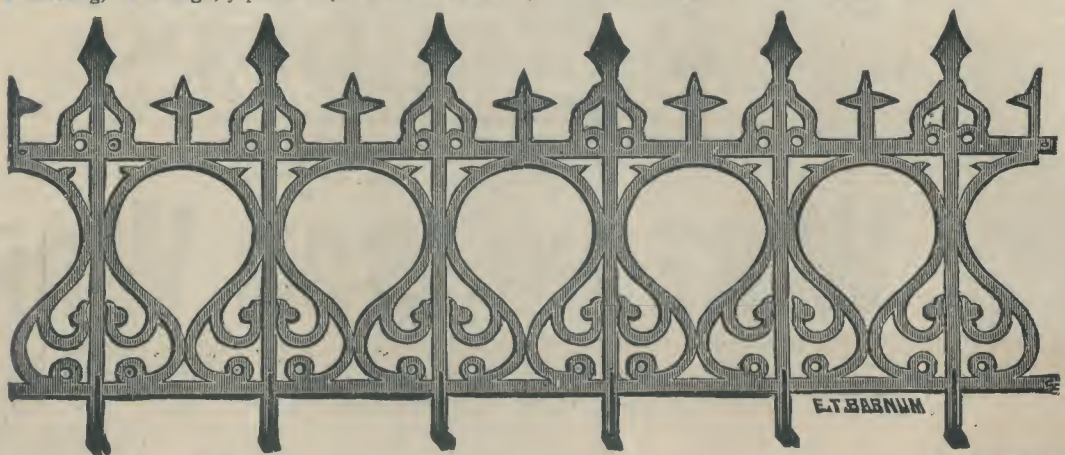


Per lineal foot.	Per lineal foot
No. 1 Cresting, 16 in. high, for bay windows..... .40c	No. 1 Cresting, 24 in. high, suitable for 2-story buildings, 50c
" 1 " 21 " " small buildings.....45c	" 1 " 30 " " " large " 55c

Nos. 19 and 21 Finials match this Cresting and add greatly to the effect.



No. 2 Cresting, 18 in. high, japanned..per lineal foot, 45c. | No. 2 Cresting, 24 in. high, japanned...per lineal foot, 55c



No. 4 Cresting, 21 inches high, japanned per lineal foot, 45c
" 4 " 28 " " " 50c

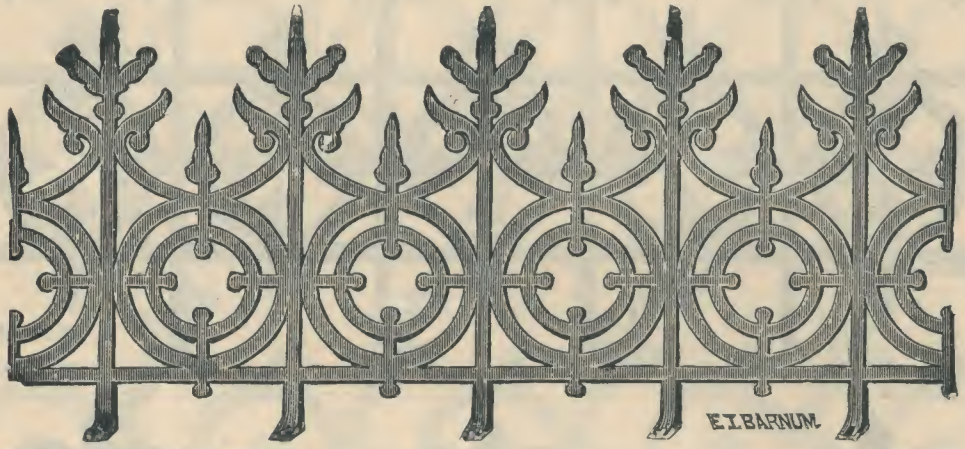
All Cresting is made with flat feet unless otherwise ordered. Nos. 1, 19, 21 and other Finials go with this and other styles of Cresting. I secure special through rates of freight to all parts of the country.

All my Cresting is JAPANNED, and not simply dipped or painted as most firms do.

E. T. BARNUM, DETROIT, MICH.

DIRECTIONS FOR PUTTING UP CRESTING.

Put 1 inch blocks, 3 inches square, every 2 or 3 feet apart, and have them tinned over to prevent leaking; then nail on top of them 1 inch strips, 3 inches wide, and set the Cresting on it. If there is a pitch to the roof, the blocks and strips can be beveled off, so as to make it level. For the ridge, a 3 inch strip can be nailed down and the Cresting set on that, this is the way it is generally used; or the Cresting can be made with pitched feet, to go either side of the ridge, costing 15 cents per foot extra. All ridges should be finished off with the top strip flattened about 2 inches, then the ordinary Cresting can be used. SEND A DIAGRAM OR PLAN OF THE ROOF, and we will fit and paint it before shipping, and number each section, so that any one can easily set it in position. SCREWS AND BOLTS ARE FURNISHED AT COST AND SHIPPED WITH THE CRESTING.



No. 5 Cresting, 23 inches high, japanned.....per lineal foot, 60c
" 5 " 24 " " " 65c



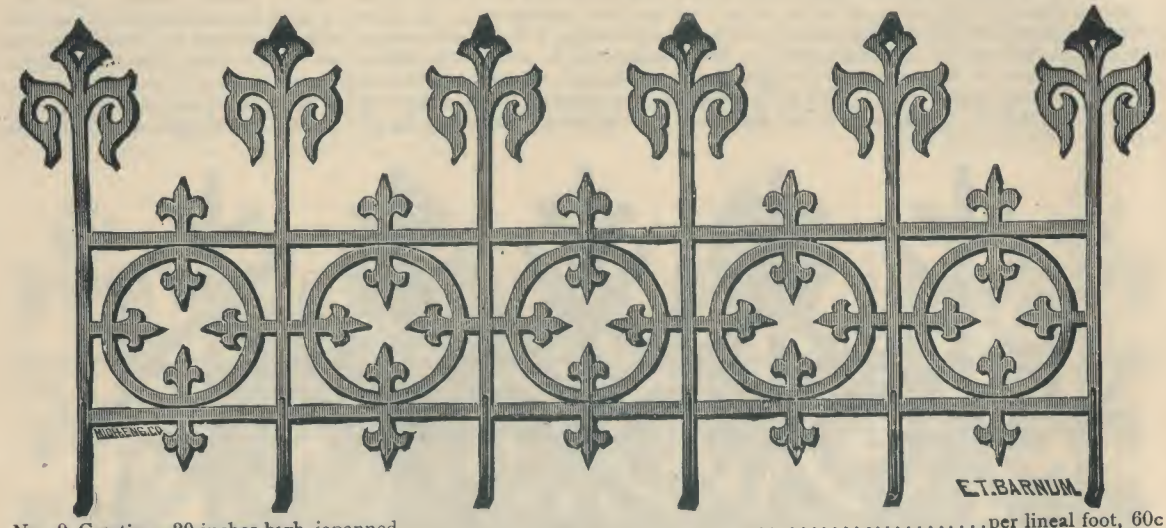
No. 6 Cresting, 24 inches high, japanned.....per lineal foot, 60c
" 6 " 30 " " " 70c



No. 7 Cresting, 15 inches high, japanned.....per lineal foot, 40c
" 7 " 18 " " " 45c
" 7 " 21 " " " 50c
" 7 " 25 " " " 60c
" 7 " 30 " " " 65c
" 7 " 36 " " " 70c
" 7½ Finial, any height to match exactly this style of cresting.....each, $2.00

Order by Number and Height Only, and never cut out pages from the Catalogue.

ROOF CRESTING.

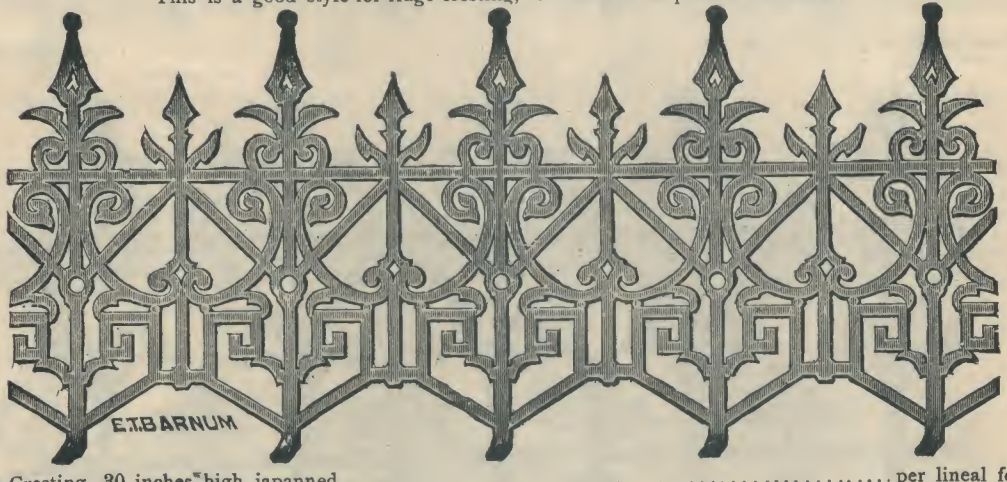


No. 9 Cresting, 30 inches high, japanned per lineal foot, 60c
" 9 " 34 " " " 70c



No. 11 Cresting, 15 inches high, japanned per lineal foot, 45c
" 11 " 18 " " " 50c
" 11 " 24 " " " 60c

This is a good style for ridge cresting, for churches or private residences.

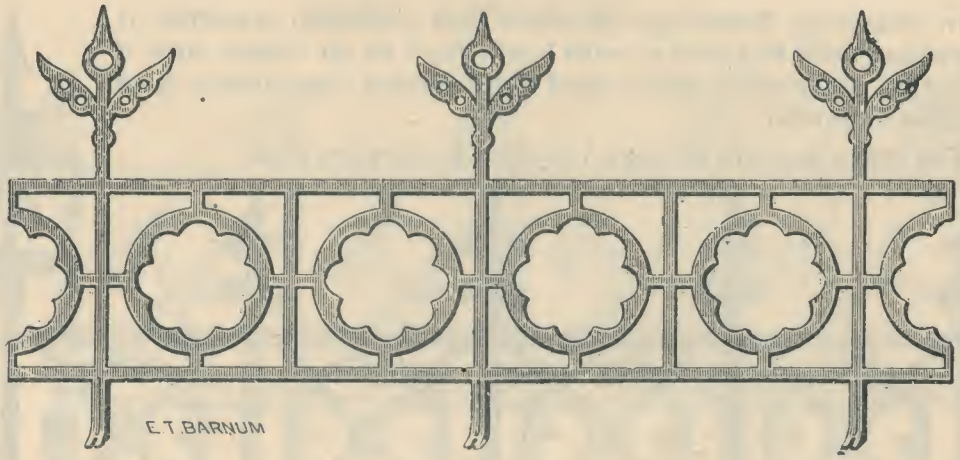


No. 12 Cresting, 30 inches high, japanned per lineal foot, 70c
" 12 " 36 " " " 75c
" 12 " 42 " " " 80c

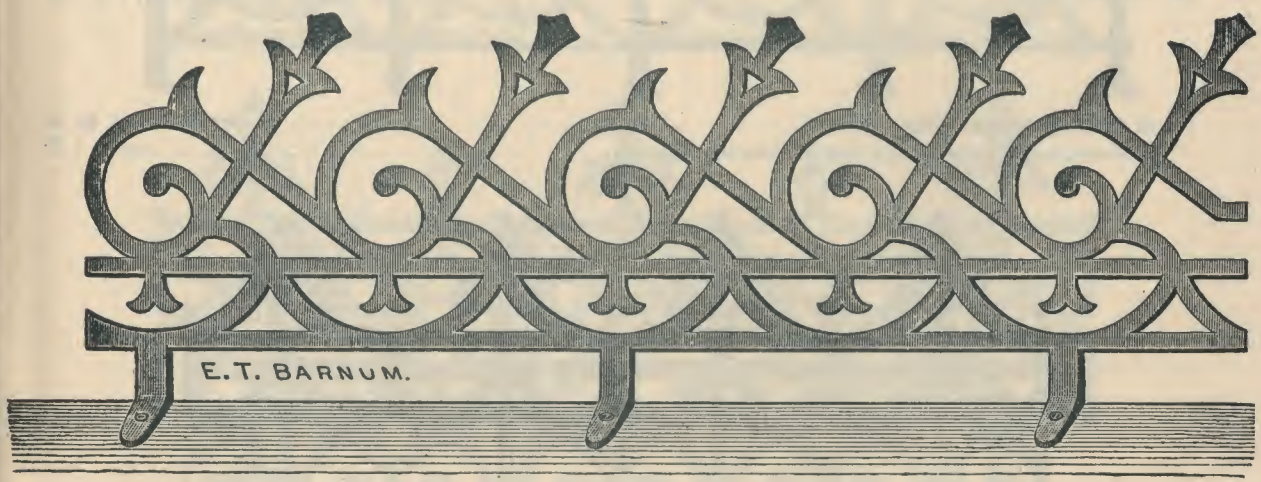
☞Cresting can be set with feet in or out, according to the size and shape of roof. Send diagram of roof and write for prices. Order by NUMBER only, and mention the height wanted. DO NOT CUT THE CATALOGUE, as the number is sufficient to designate the pattern wanted. Cresting makes a building look higher and gives it a more finished and attractive appearance than can be obtained in any other way, especially if Finials are used.

All my Cresting is JAPANNED and not simply dipped or painted as most firms do.

All Cresting is made with flat feet, unless the feet are ordered beveled.



No. 15 Cresting, 16 inches high, japanned per lineal foot, 40c



No. 16 Cresting, 10 inches high per lineal foot, 30c
" 16 " 12 " " 35c

In ordering always mention whether wanted for a ridge or level roof.



No. 19 Cresting, 24 inches high, japanned per lineal foot, 55c

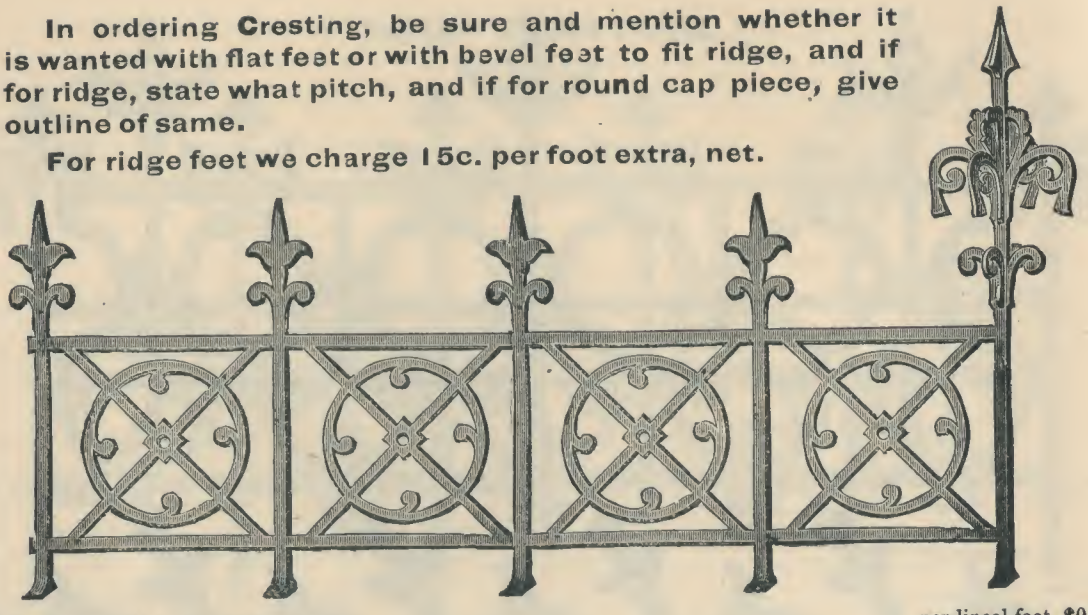
Finials should be used at each corner and each end of the Cresting.

Always send diagram with Cresting orders, then the work will be cut and fitted to the measurements given, ready to put up.

All my Cresting is JAPANNED, and not simply dipped or painted as most firms do.

In ordering Cresting, be sure and mention whether it is wanted with flat feet or with bevel feet to fit ridge, and if for ridge, state what pitch, and if for round cap piece, give outline of same.

For ridge feet we charge 15c. per foot extra, net.

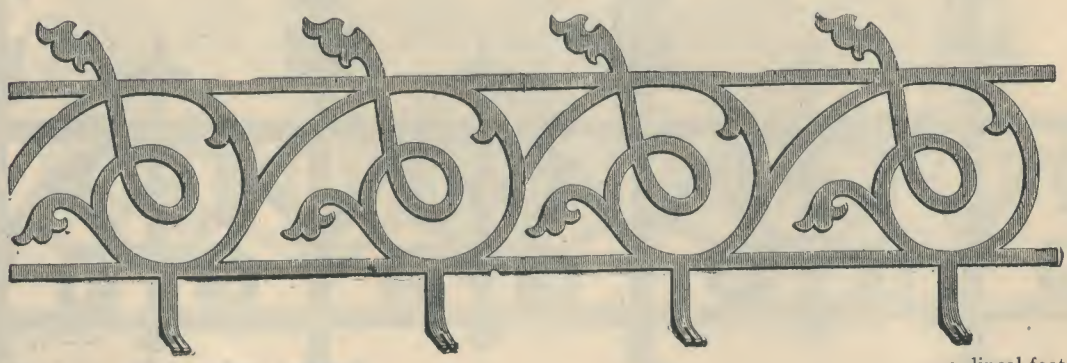


No. 21 Cresting, 24 inches high, japanned.....per lineal foot, $0 50
" 21 Finial, height to match any style of Cresting, japanned.....each, 1 50



No. 23 Cresting, 24 inches high, japanned.....per lineal foot, $0 65
" 23 " 30 " " " 70

This is a handsome pattern for large, fine residences, public buildings, etc., and with No. 19 or 21 Finials is very attractive.

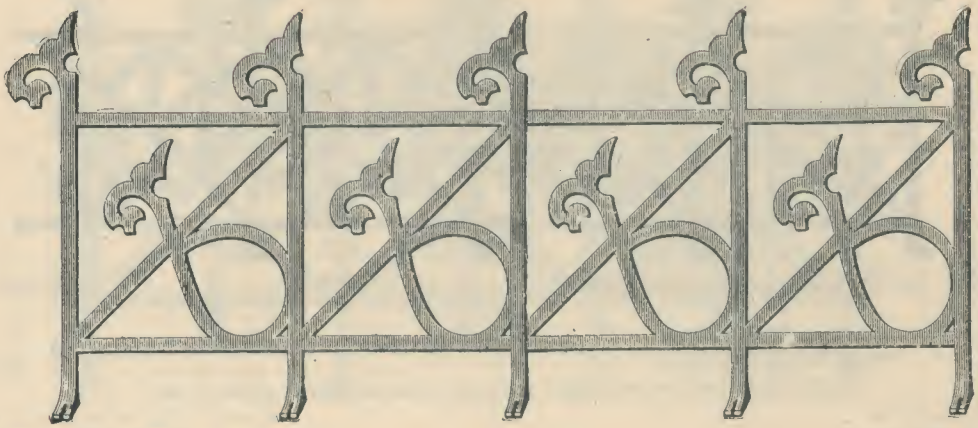


No. 29½ Cresting, 12 inches high, japanned.....per lineal foot, 35c
" 29½ " 15 " " " 40c
" 29½ " 18 " " " 50c

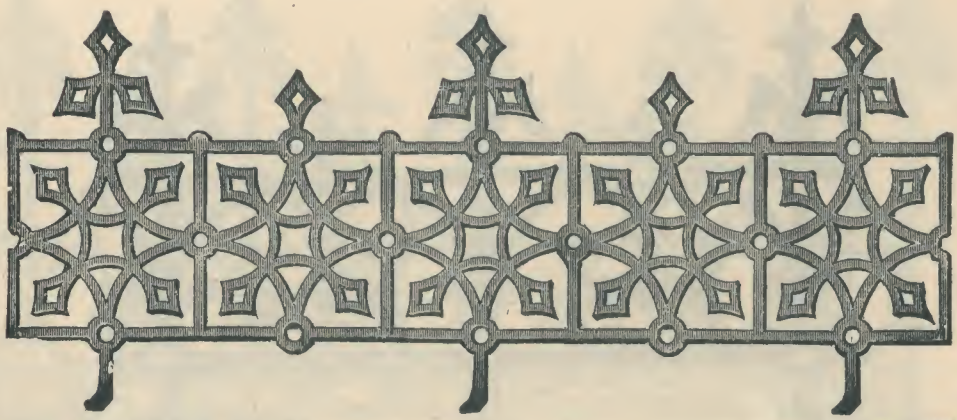
This is a very nice, low priced cresting.

All my Cresting is JAPANNED, and not simply dipped or painted as most firms do.

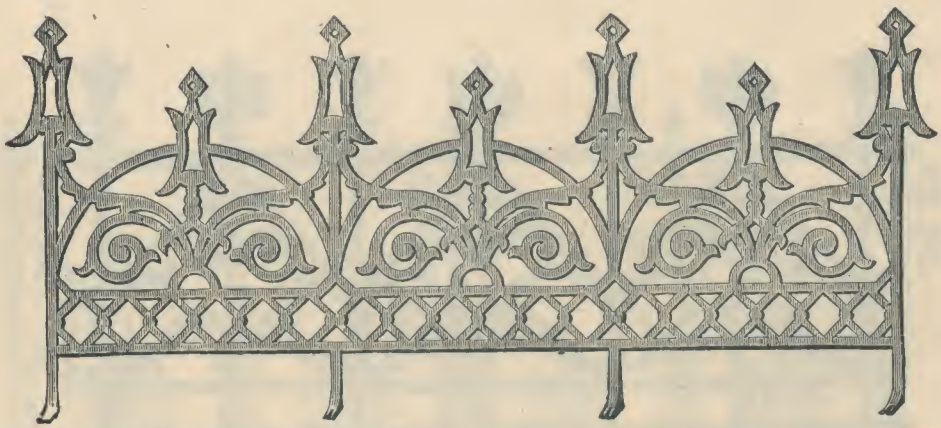
ROOF CRESTING.



No. 30½ Cresting, 18 inches high, japanned.....per lineal foot,.50c
" 30½ " 24 " " " 60c



No. 32 Cresting, 15 inches high, japanned.....per lineal foot, 35c
" 32 " 18 " " " " 40c
" 32 " 24 " " " " 50c

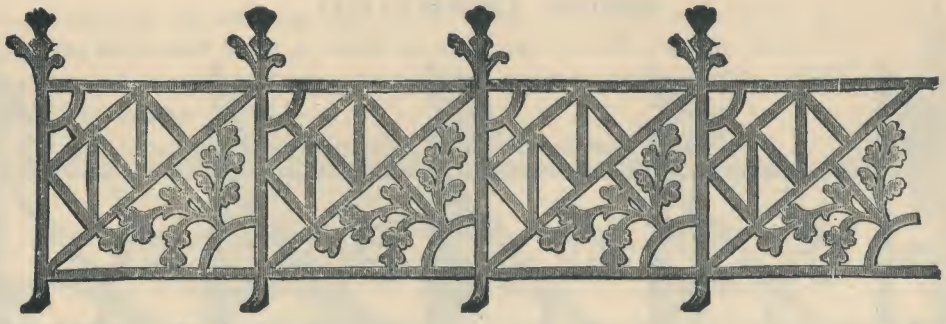


No. 35 Cresting, 21 inches high, new design, japanned.....per lineal foot, 50c
" 35 " 24 " " " " 60c
" 35 " 30 " " " " 70c

This is a new pattern and very attractive.

Order by Number only and mention the height wanted. Do not cut the Catalogue, as the Number is sufficient to designate the pattern wanted.

All my Cresting is JAPANNED, and not simply dipped or painted as most firms do.

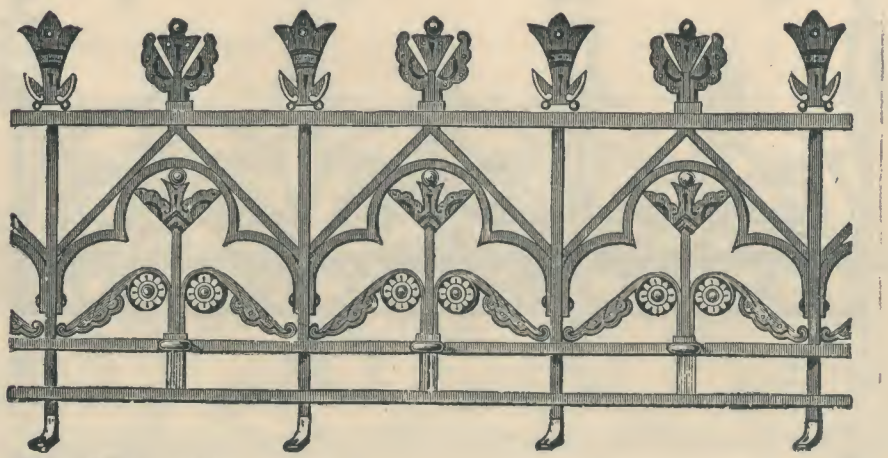


No. 39 Oak Leaf Cresting, 15 inches high, japanned per lineal foot, 40c
" 39 " " 20 " " " 45c
" 39 " " 25 " " " 55c
" 39 " Finial to match, japanned Each, $1.50

This Oak Leaf pattern is new and looks much better than shown in cut.



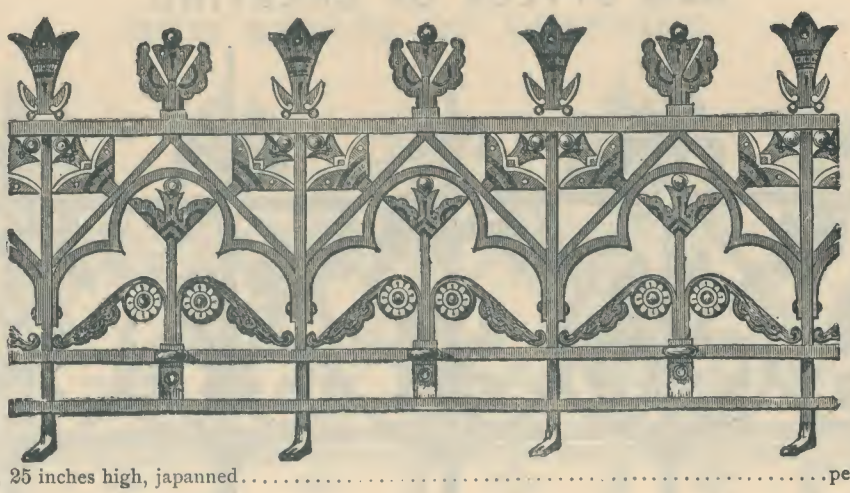
No. 40 Cresting, 18 inches high, japanned per lineal foot, 50c
" 40 " 24 " " " 55c



No. 42 Cresting, 25 inches high, japanned per lineal foot, 70c

Iron Roof Cresting is very desirable. It improves a building and gives it a finish far superior to wood, and at a less expense. It requires less painting and repairing, and will last a lifetime. It is suitable for frame as well as brick or stone buildings.

All my Cresting is JAPANNED, and not simply dipped or painted as most firms do.



No. 43 Cresting, 25 inches high, japanned.....per lineal foot, 80c



No. 44 Cresting, 18 inches high, japanned.....per lineal foot, 55c
" 44 " 21 " " " 60c
" 44 " 24 " " " 65c
" 44 " 30 " " " 70c



No. 45 Cresting, 18 inches high, japanned.....per lineal foot, 50c
" 45 " 24 " " " 60c

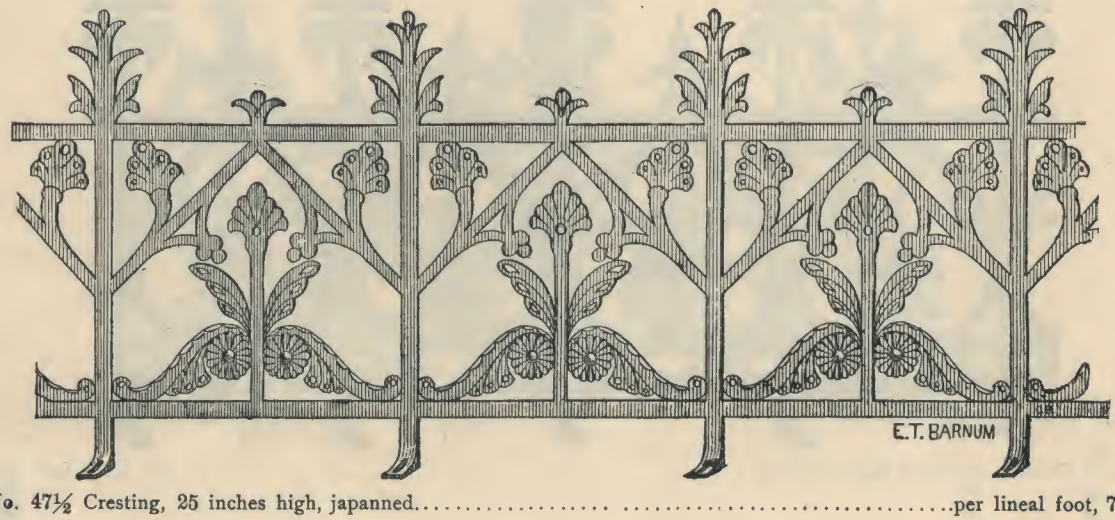
☞ **A ridge should be finished with a flat strip, then the regular Cresting can be used.**

All my Cresting is JAPANNED, and not simply dipped or painted as most firms do.

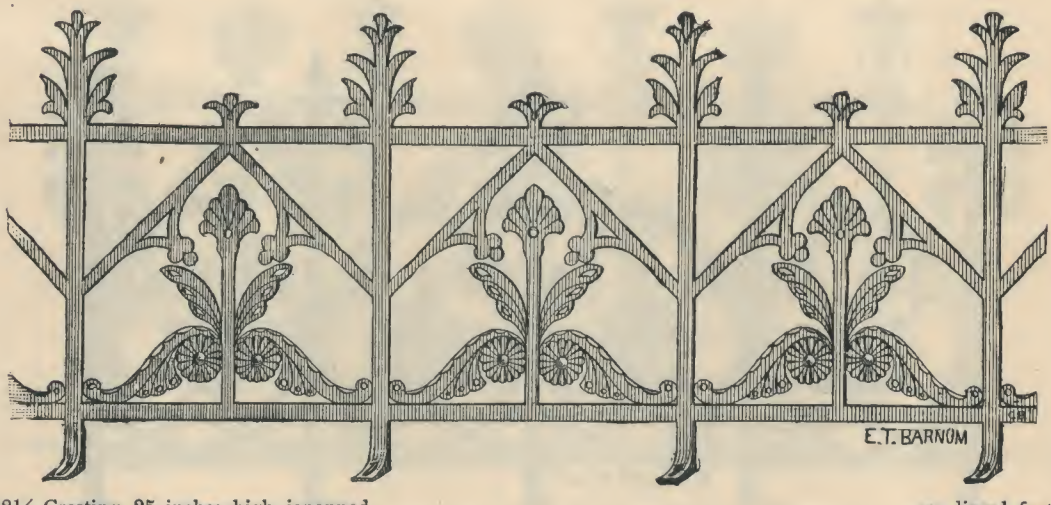
NEW STYLES OF CRESTING.



No. 46 Cresting, 80 inches high, japanned..... per lineal foot, 75c



No. 47½ Cresting, 25 inches high, japanned..... per lineal foot, 75c

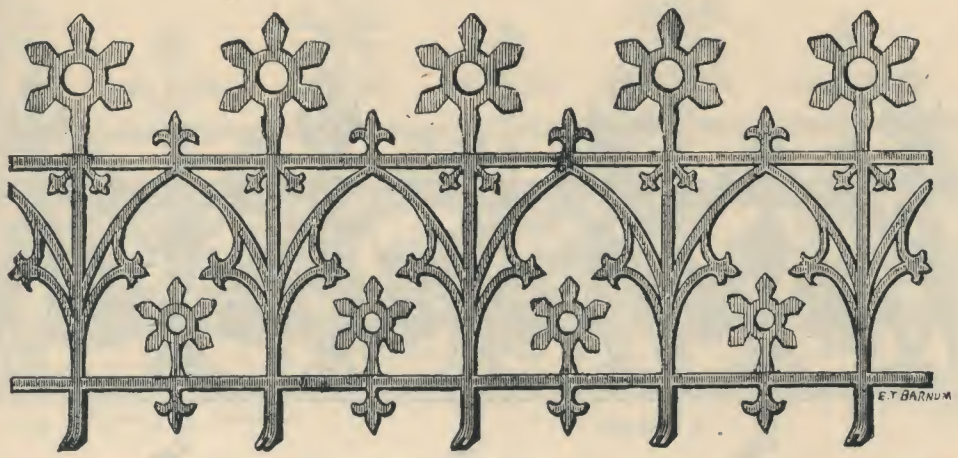


No. 48½ Cresting, 25 inches high, japanned.....per lineal foot, 65c

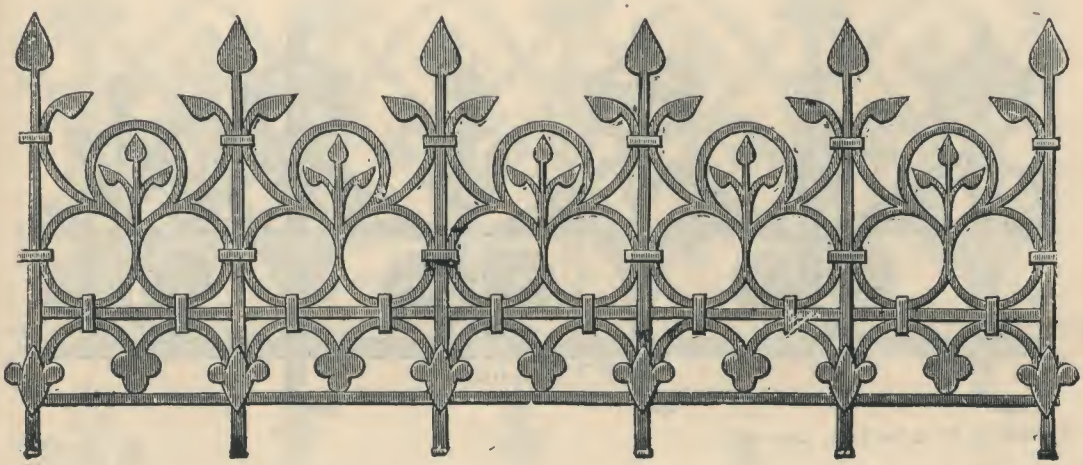
Write for prices before placing your orders for Cresting and Finials.

All my Cresting is JAPANNED, and not simply dipped or painted as most firms do.

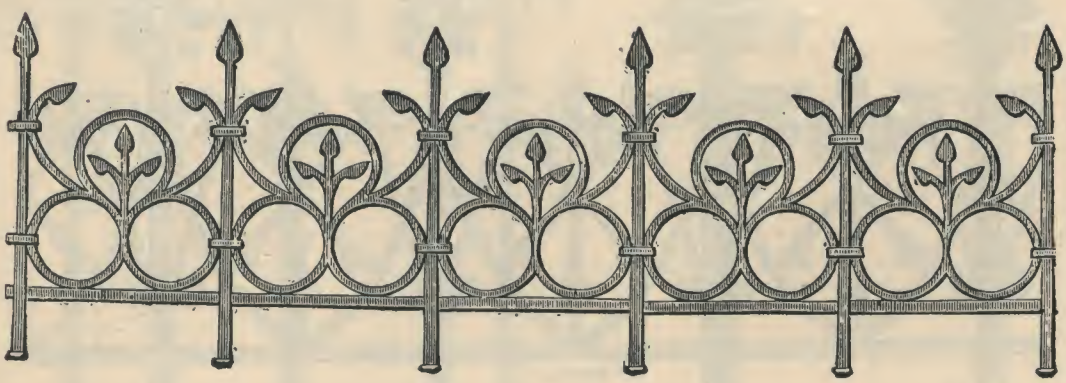
NEW STYLES OF CRESTING.



No. 49 Cresting, 18 inches high, new design, japanned..... per lineal foot, 45c
" 49 " 25 " " " " 60c
" 49 " 30 " " " " 65c
" 49 " 36 " " " " 70c



No. 50 Cresting, 24 inches high, new design, japanned per lineal foot, 70c

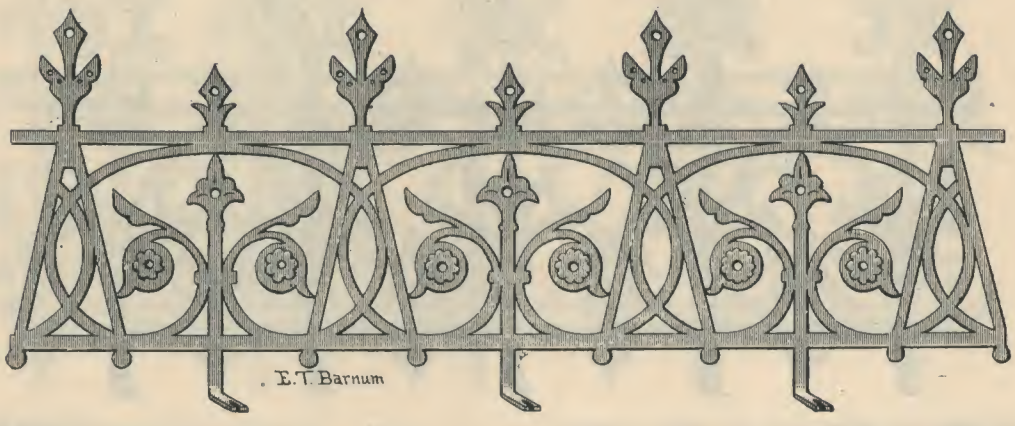


No. 51 Cresting, 18 inches high, new design, japanned per lineal foot, 50c

☞The sizes of Cresting which are mentioned are usually kept in stock.

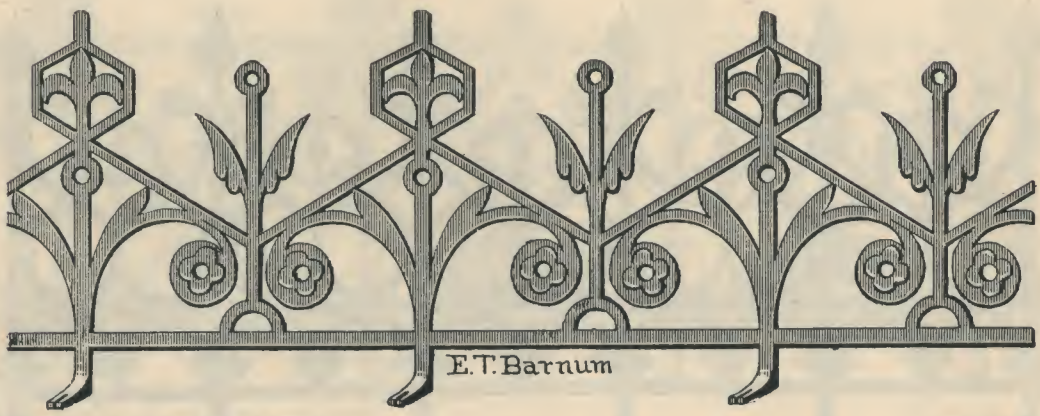
All my Cresting is JAPANNED, and not simply dipped or painted as most firms do.

LATEST DESIGNS OF CRESTING.

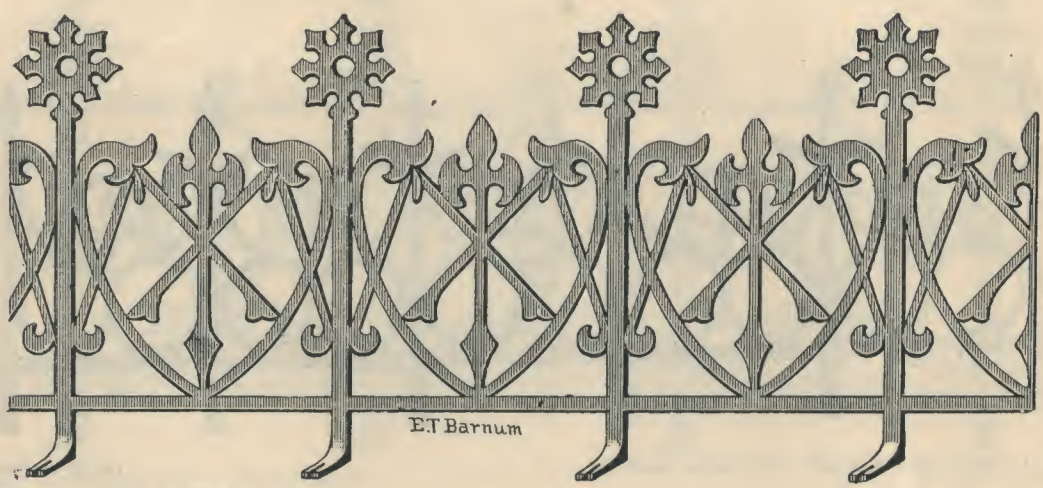


No. 52 Cresting, 18 inches high, new design, japanned.....per lineal foot, 55c
" 52 " 24 " " " " 70c

This is a very handsome pattern.



No. 53 Cresting, 15 inches high, japanned.....per lineal foot, 45c

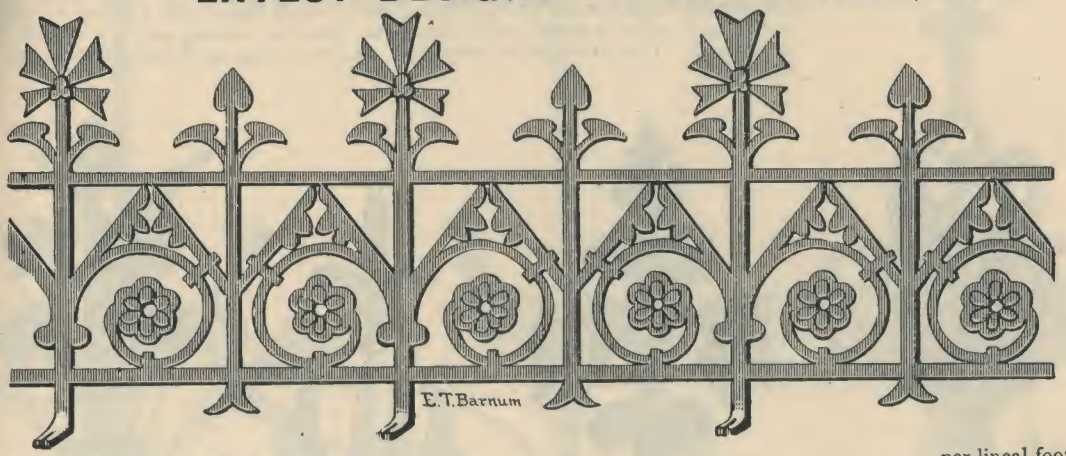


No. 54 Cresting, 18 inches high, japanned.....per lineal foot, 55c

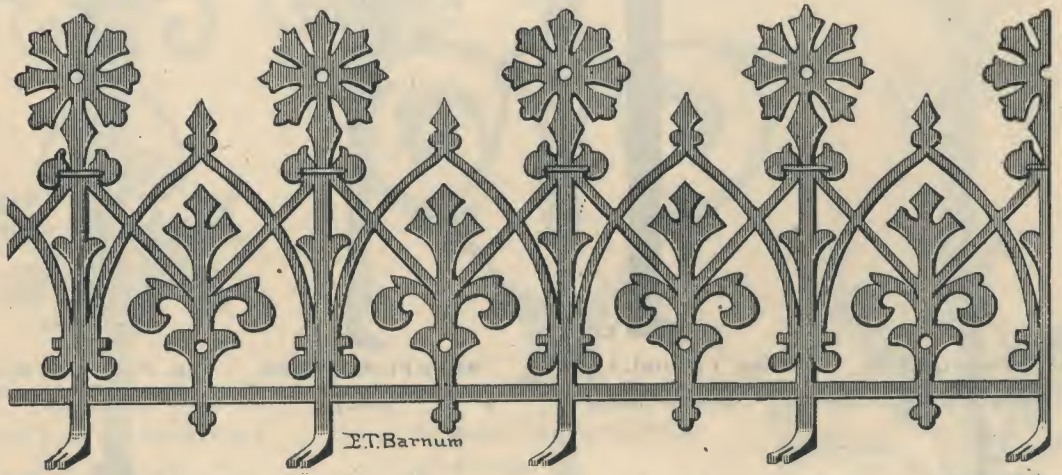
COPYRIGHTED, 1891.

All my Cresting is JAPANNED, and not simply dipped or painted as most firms do.

LATEST DESIGNS OF CRESTING.



No. 55 Cresting, 18 inches high, japanned.....per lineal foot, 55c
" 55 " 24 " " " 70c



No. 56 Cresting, 18 inches high, japanned.....per lineal foot, 55c
" 56 " 24 " " " 70c



No. 4
Finial, $1.50.



No. 19
Finial, $1.50.
Appropriate for any style of Cresting.



No. 6
Finial, $1.00.



No. 21
Finial, $1.50.



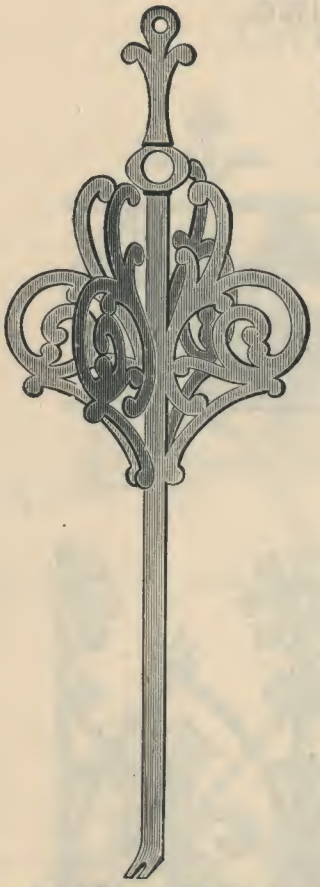
No. 39 Oak Leaf
Finial, $1.50.
To match 39 Cresting.

Finials are made with flat feet as shown in cut, but can be made without feet, if desired, so as to set into Wood Ornaments. All my Finials are made with a separable Wrought Iron Shaft.

COPYRIGHTED, 1891.

ORNAMENTAL IRON FINIALS FOR CRESTING.

Finials should be used at corners or angles, with all patterns of Cresting. They are fastened to the corners with my New Patent Corner Irons, thus forming a support, and are also easily set plumb; and being higher than the Cresting give it a more finished appearance. They are made in DIFFERENT HEIGHTS to suit any Cresting and parties can select style.



No. 2 Finial, $3.00.
This is a new design, looks well with any Cresting; 20 in. high or more.



No. 1 Finial, $1.50.
Finials are made different heights to fit the Cresting.



No. 9 Finial, $3.00.
Appropriate for any style of Cresting.



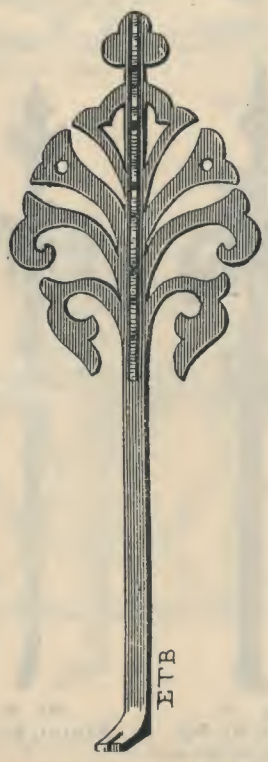
No, 7½ Finial, $2.00
To match No. 7 Cresting.
Copyrighted.



No. 5 Tower Finial.
With Wrought Iron Shaft.
5 feet high.....each, $4.50
This cut shows how Finial may be set into wood ornaments.



No. A 3 Finial, $2.00.
4 Sided.
Made different heights to fit Cresting.



No. A4 Finial, $2.00.
4 Sided.
Appropriate for any style Cresting.



No. A5 Finial, $2.00.
4 Sided.
Suitable for any style Cresting.

All my Finials are made with a separable Wrought Iron Shaft.

LATEST DESIGNS OF TOWER ORNAMENTS.



No. 118 Tower Ornament.

NEW DESIGN.

With Iron Shaft, 7 feet 6 inches high, including 18 inch base to extend into the tower.

Price with ornaments on four sides, japanned.....each, $13 00

Price with ornaments on two sides only, as shown in cut, japanned, each..... 11 50

These Tower Ornaments are all new and original designs and are very handsome.



No. 117 Tower Ornament.

NEW DESIGN.

With Iron Shaft 7 feet 6 inches, including 18 inch base to go into tower.

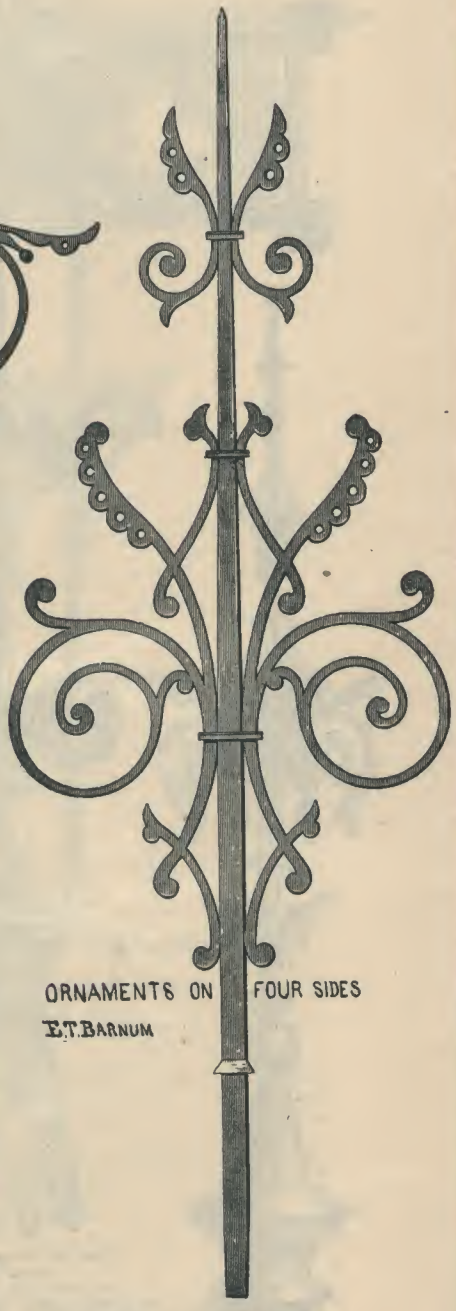
Price with ornaments on four sides, japanned.....each, $12 00

Price with ornaments on two sides only, as shown in cut, japanned, each..... 10 50

Same style, only 5 feet 6 inches over all, including base to go into tower.

Price with ornaments on four sides, each.....$8 50

Price with ornaments on only two sides, as shown in cut.....each, 7 00



No. 119 Tower Ornament.

NEW DESIGN.

With Iron Shaft 8 feet 6 inches, including 18 inch base to go into tower.

Price with ornaments on four sides, japanned.....each, $14 50

Price with ornaments on two sides only, as shown in cut, japanned.....each, 13 00

In ordering be sure to state if you want the Tower Ornaments as shown in cuts, or with Ornaments on four sides.

Any of the above Tower Ornaments can be made with a galvanized iron base, as shown with No. 110½ Tower Ornament, if so desired, costing $2.00 extra.



No. 110½ Tower Ornament.

8 feet high, without base, each, $8.00; with galvanized iron base and iron shaft to extend into tower, same as represented above, $10.00.

No. 54½ English Banneret, New Pattern.

GILDED VANE AND ORNAMENTS.

8 feet high, Vane 2¼ feet long, each $30.00
9 feet high, Vane 3 feet long, each $35.00
10 feet high, Vane 3¼ feet long, each $40.00

Without the galvanized iron base, $5.00 less. This is a new pattern and is very handsome. The shaft is iron and is usually made to extend down into the tower about 18 inches.



No. 75.



No. 112½ Tower Ornament.

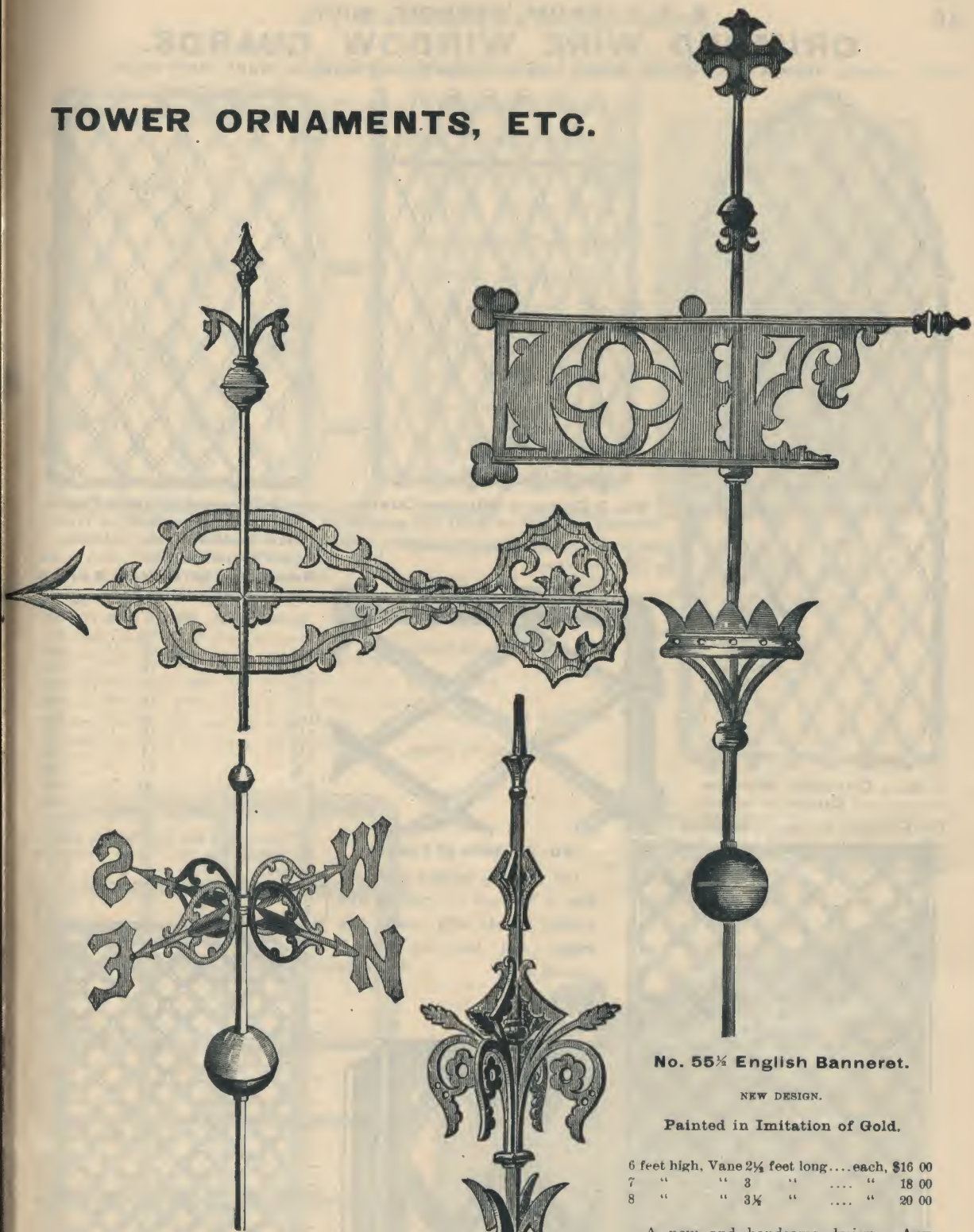
8 feet high, galvanized iron, each $25 00
10 feet high, galvanized iron, each 29 00

No. 75 Tower Ornament.

With iron shaft 9 feet high, including 18 inch base, to extend into the tower. This is a popular and very showy tower ornament, and is much handsomer than the cut represents.

Each $15 00

TOWER ORNAMENTS, ETC.



No. 42½ Gilded Scroll Vane.

New design for Public Buildings, Churches or Private Residences.

2	feet long, mounted complete	...	each,	$11 00
2½	"	"	"	14 00
3	"	"	"	16 00
3½	"	"	"	19 00
4	"	"	"	21 00
4½	"	"	"	26 00
5	"	"	"	31 00
5½	"	"	"	41 00
6	"	"	"	61 00

The Vane is gilded with gold leaf, and the shaft is iron and is made to extend about 18 inches into the tower.

No. 10¼ TOWER FINIAL, $6.50.
A handsome Pattern.
Is made 5 to 7 feet high.

No. 55½ English Banneret.

NEW DESIGN.

Painted in Imitation of Gold.

6	feet high, Vane 2½	feet long		each,	$16 00
7	" " 3	"		"	18 00
8	" " 3½	"		"	20 00

A new and handsome design. Any size made to order.

No. 56½ English Banneret.

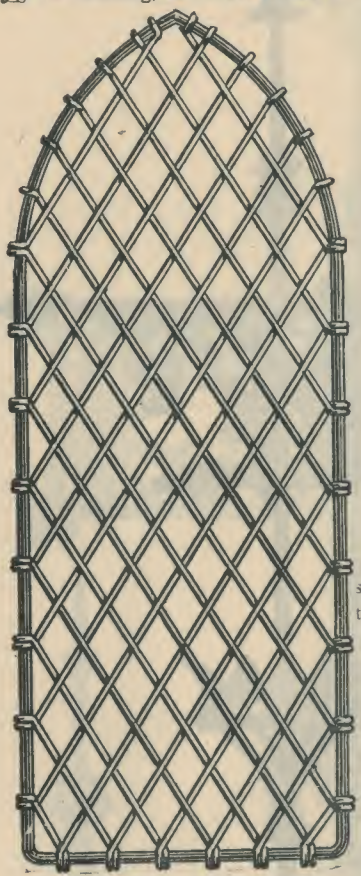
Same as No. 55½ Vane Gilded with Gold.

6	feet high, Vane 2½	feet long	...	each,	$20 00
7	" " 3	"		"	23 00
8	" " 3½	"		"	25 00

The shaft is iron, and made to extend about 18 inches into tower.

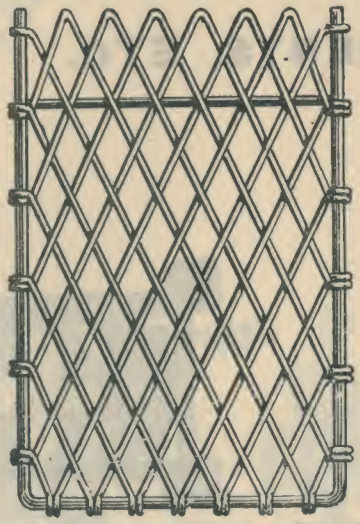
CRIMPED WIRE WINDOW GUARDS.

☞In ordering, **always state which is the height** and **give exact size you want them made.**



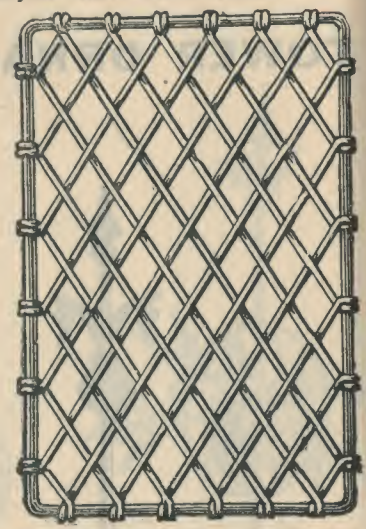
No. 1 Crimped Window Guard.

For Churches or Public Buildings.



No. 3 Crimped Window Guard.

Showing a finished or scroll top, suitable for store windows, doors, etc., NOT intended to cover the entire window.



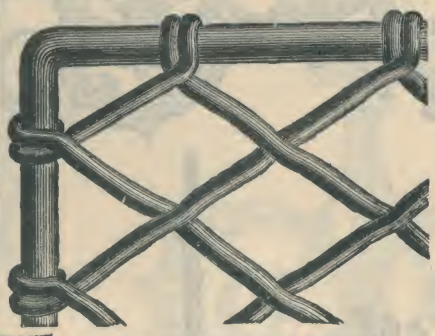
No. 5 Crimped Window Guard.

For basement windows of Hotels, Private Residences, etc., intended to cover the entire window.

Price List of Nos. 1, 3 and 5 Window Guards.

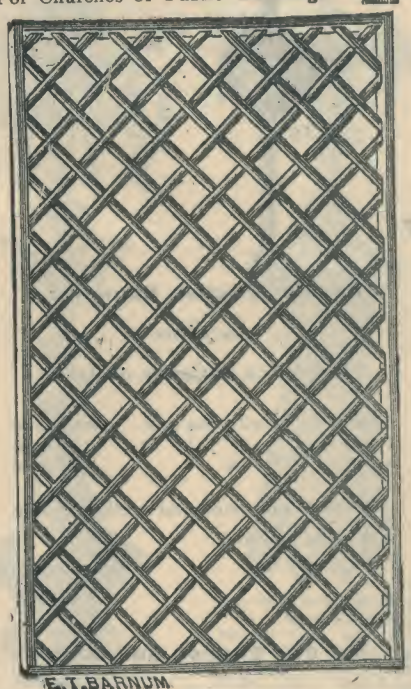
				Per sq. ft.
¾	inch mesh,	No. 15	wire	30c.
1	"	" 14	"	27c.
1	"	" 13	"	30c.
1¼	"	" 14	"	25c.
1¼	"	" 13	"	28c.
1¼	"	" 12	"	30c.
1½	"	" 13	"	25c.
1½	"	" 12	"	30c.
1½	"	" 11	"	35c.
1¾	"	" 11	"	30c.
2	"	" 10	"	...35c.
2	"	" 8	"	45c.
2	"	" 7	"	50c.

Nos. 1, 3, 5 and 5½ window guards are fastened to the casing with wire staples.



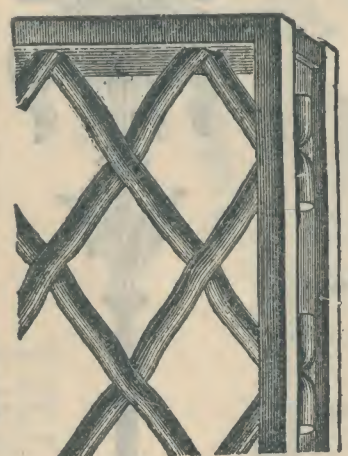
No. 20 Style of Frame.

Cut showing method of making Nos. 1, 3, 5 and 5½ crimped wire window guards with round iron frame, and how the wire is secured to it.



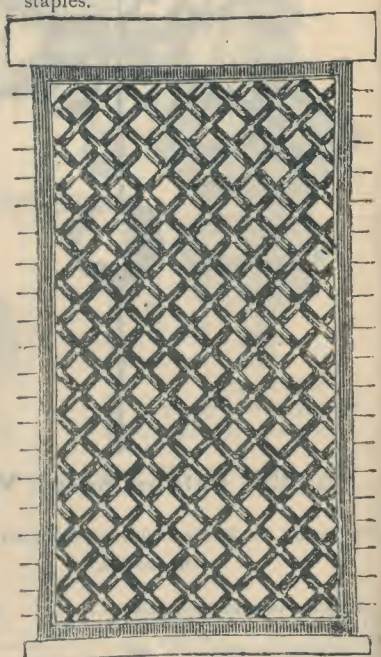
No. 9 Heavy Prison or Asylum Guard.

1	in.	mesh,	No. 8	wire,	per	sq. ft., ...75c
1¼	"	"	9	"	"	...55c
1½	"	"	8	"	"	...60c
2	"	"	7	"	"	...60c
2½	"	"	6	"	"	...60c



No. 21 Style of Frame.

Cut showing method of making Nos. 8 and 9 crimped wire window guard, with a channel iron frame, and how the wire is secured.



No. 8 Extra Heavy Prison or Asylum Guard.

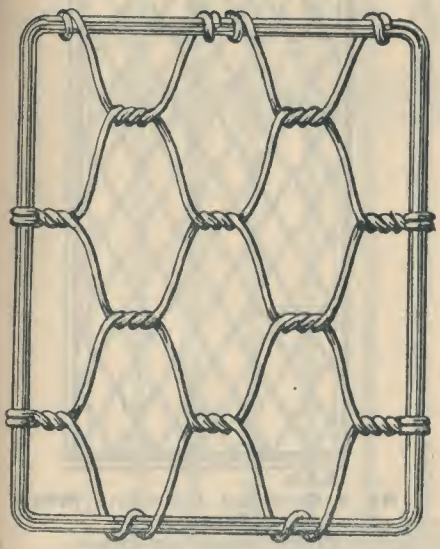
With a strong Channel Iron Frame to set into a jam and fasten with screws.

(See cut No. 21 for frame and how it is made.)

1	inch	mesh,	No. 8	wire,	per sq. foot,	75c.
1¼	"	"	7	"	"	75c.
1¼	"	"	6	"	"	75c.

Special prices quoted on large orders for Wire and Iron Work.

WIRE WINDOW GUARDS.



CUT SHOWING SIZE OF MESH AND WIRE.

No. 105 "SPECIAL TWIST" GALVANIZED WIRE GUARD.

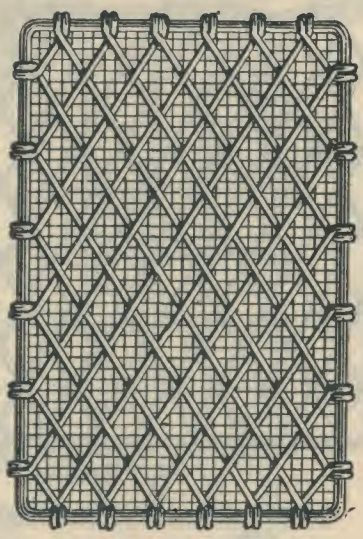
Made of galvanized wire with round iron frame to fasten with staples.

½ inch mesh No. 19 wire, per square foot, 20c.

This guard is light, but durable, being made of galvanized wire and will not rust. For a light, inexpensive guard to keep out mice and rats and prevent the glass from breaking, this is universally used and does not obstruct the light.

Specially adapted for Church Window Guards, School House Guards, Factory Window Guards, Basement Window Guards, Skylight Protection, Protection of Hot House Glass, Covering Ventilators, Protection for Cold Air Ducts, Residences, and Public Buildings generally. Wire Guards are more secure and obstruct less light than any other kind of Window Protection.

Send sizes and will quote prices.



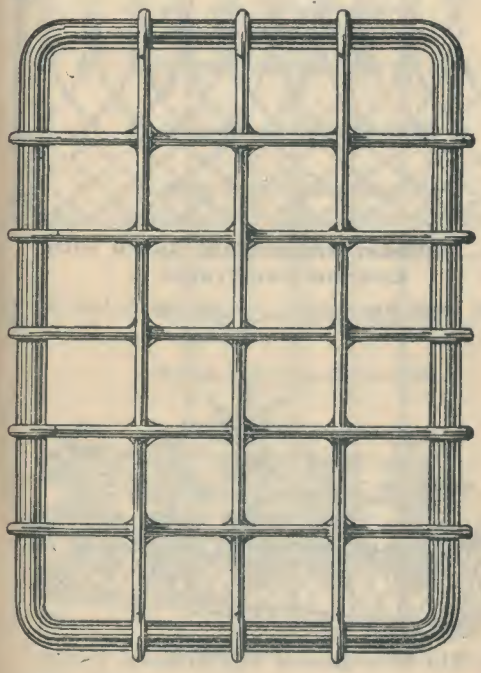
CUT SHOWING NO. 5½ WIRE GUARD.

No. 5½ Wire Guard, Lined with Fine Wire Cloth.

PRICE LIST OF NO. 5½ COMBINATION WIRE GUARD, WITH ROUND FRAME.

				Per sq. foot.
¾ inch mesh	No.	15	Wire	40c.
1	"	14	"	45c.
1	"	13	"	48c.
1¼	"	14	"	43c.
1¼	"	13	"	46c.
1¼	"	12	"	48c.
1½	"	13	"	43c.
1½	"	12	"	48c.
1½	"	11	"	53c.
1¾	"	11	"	48c.
2	"	10	"	53c.
2	"	8	"	63c.
2	"	7	"	68c.

Lined with fine wire cloth. This combined guard and screen answers a double purpose: it not only protects the glass and keeps out burglars, but, it keeps out rats, mice, bugs, flies, insects, etc., and is just what every cellar, basement, kitchen and barn window should be covered with.



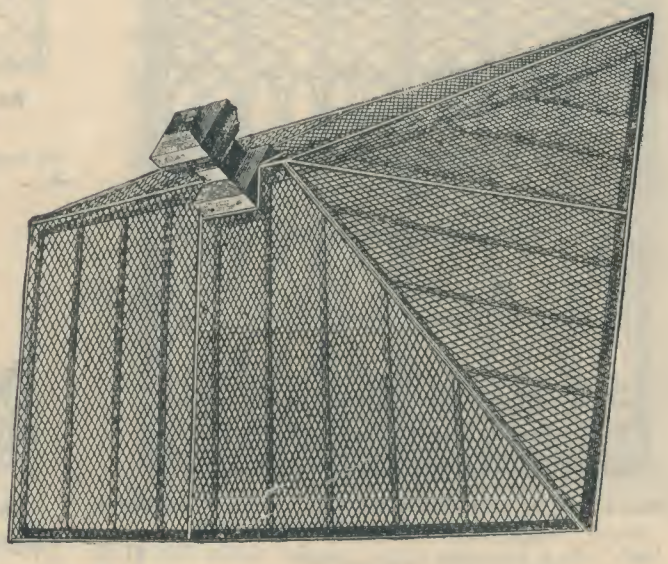
CUT SHOWING SIZE OF MESH AND WIRE.

No. 106 GALVANIZED WIRE GUARD.

Made of ½ inch mesh No. 18 Wire, with round wire frame.

Price.....per square foot, 20c.

This guard is light, but durable, and is *rust proof*, being made of galvanized wire. This guard will protect the glass and keep out rats and mice and not obstruct the light.

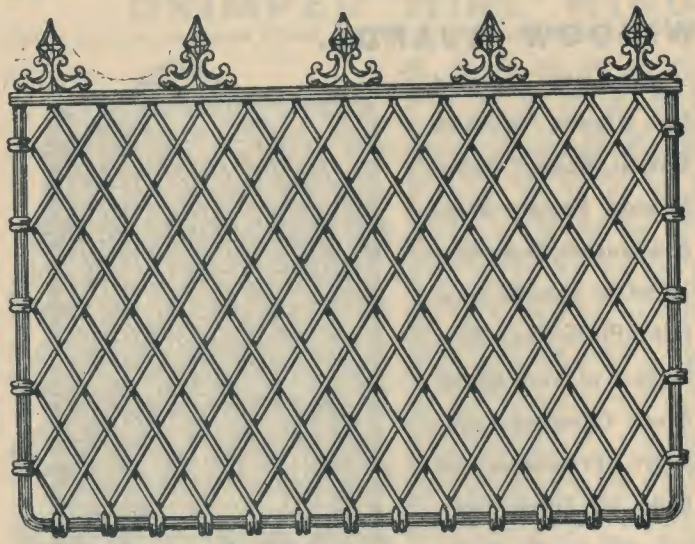


No. 200 SKYLIGHT PROTECTION.

Made to order any size desired, where a strong, heavy protection is required.

This work is usually made 1 inch or 1¼ mesh, of No. 12, 13 or 14 crimped wire, with either a channel iron frame or a ¼ inch round frame. Price, 30c. to 60c. per square foot. Where a low priced protection is required I can furnish a ¾ inch mesh.

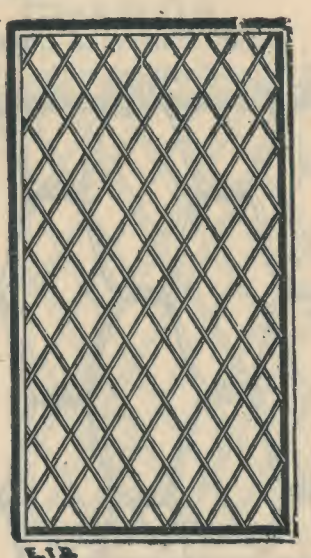
Galvanized wire netting at 18c. to 20c. per square foot. Give size and write for prices.



No. 26½ Crimped Wire Guard, with Picket Top.

1¼	inch mesh,	No. 12	wire.....	per square foot, 40c.
1½	"	" 11	"	" " 45
2	"	" 10	"	" " 50
2½	"	" 8	"	" " 55

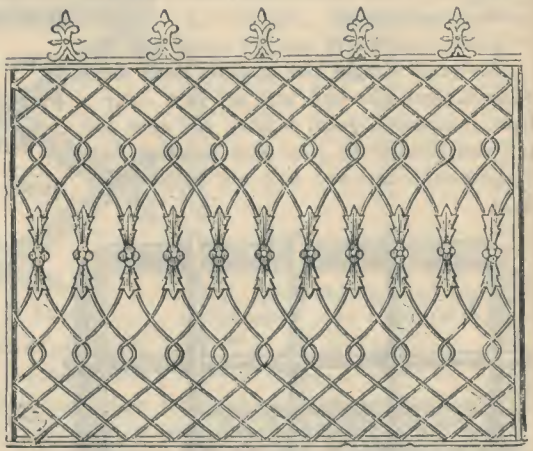
This Guard has a round iron frame at sides and bottom to fasten with staples (or they can be made to fasten with screws, if desired). The top is channel iron, which greatly strengthens the guard. Suitable for doors, partitions, and for large or small windows, elevators, etc. Can be made with channel iron frame (see cut No. 21) all around at 15c. per square foot additional.



No. 4 Crimped Diamond Mesh Guard.

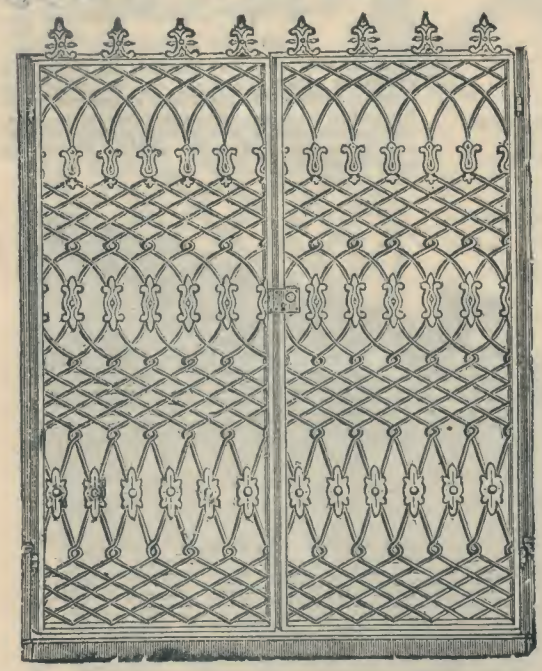
WITH CHANNEL IRON FRAME.

1¼	inch mesh,	No. 11	wire.....	40c.
1½	"	" 10	"	50c.
2	"	" 9	"	50c.
2½	"	" 7	"	55c.



No. 7½ Heavy Ornamental Guard with Channel Iron Frame.

2½	inch mesh,	No. 6	wire.....	per square foot, $1 10
3	"	" 4	"	" " 1 25



No. 15½ Pattern Heavy Wrought Iron Wire Work for Vault Doors or Store Fronts.

Made with	¼	inch wire.....	per square foot,	$1 45
"	5-16	"	" "	1 55

If made with arched or gothic top, $2.00 extra.

Locks and fastenings extra, $5.00.

This style of heavy wire work is very strong and ornamental, and is used for doors in Cemetery Vaults, also in Banking Offices and Stores. It can be made any size with plain or arched top and with such locks and fastenings as the location requires.

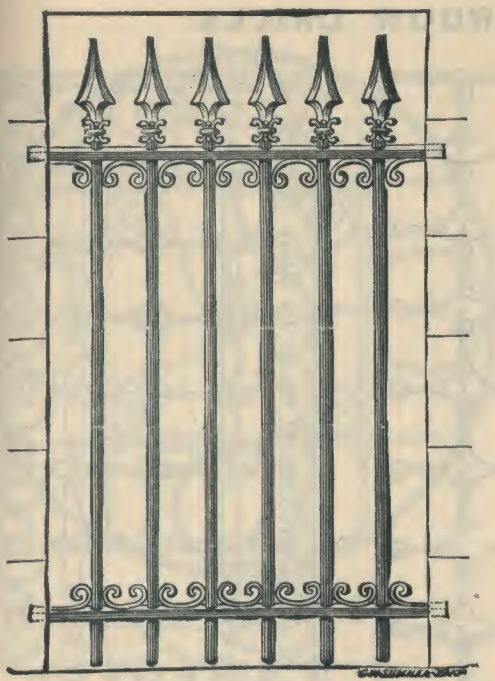


No. 31½ Wire Guard for Window Shelf.

2 ft. 9	in. long,	4½ in. high,	6 in. wide.....	each, $2 50
3 "		4½ "	7 "	" 3 00
3 " 4	"	4½ "	7 "	" 3 25

Other sizes made to order.

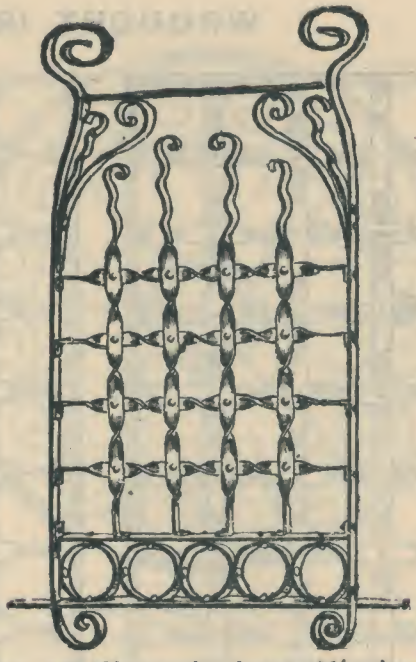
These shelves are intended to be put on the outside of the window frame, for flower pots, to keep them from falling out. The front, sides and bottom are made of wire, with a fastening at the back to screw to the window frame, or they can be used inside, as a bracket, to set pots on. If made with galvanized pan, $1.00 extra.



No. 12½ Wrought Iron Window Guard.

Made of ½ inch round iron.....per sq. ft., 60c.
" ⅝ " " " 65c.
" ¾ " " " 75c.

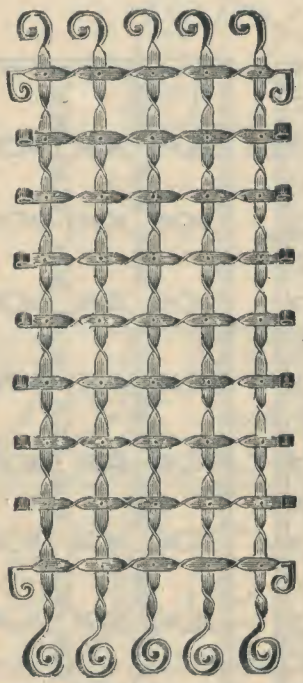
The style of pickets has been changed a trifle, and I will make the guards that way without extra charge. Give exact opening of windows, and state how you want the guards to fasten.



No. 15 Wrought Iron Window Guard.

Price per square foot.....$1.75 to $2.00

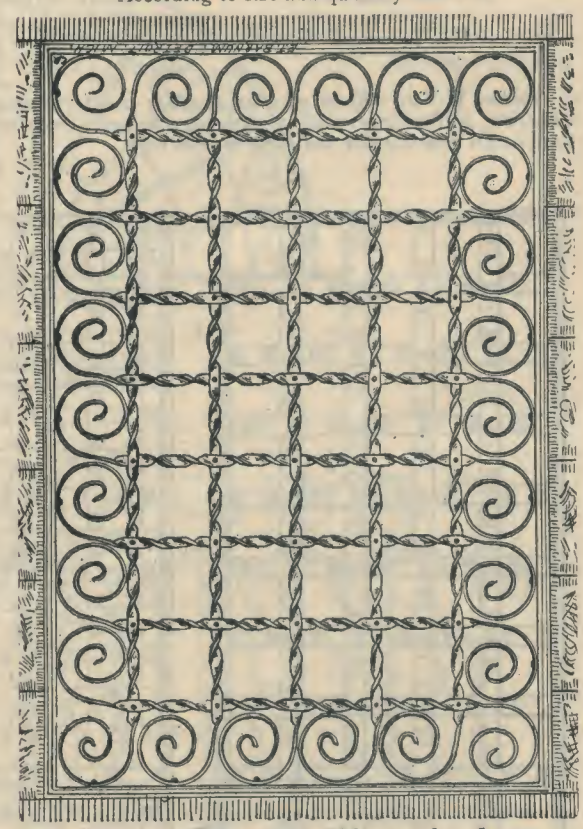
According to size and quantity ordered.



No. 46 Wrought Iron Window Guard.

Price per square foot from $1.25 to $1.75, according to size and quantity.

Guards are made of flat iron twisted, and usually 3 inch mesh, with ornamental scroll border.

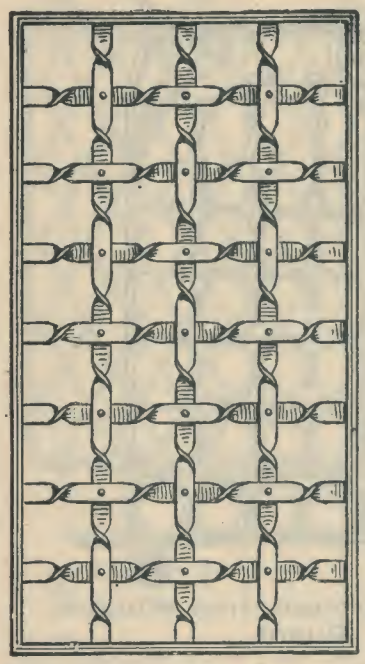


No. 14 Twisted Wrought Iron Window Guard.

Price $1.25 to $2.25 per square foot, according to size and quantity ordered. These Guards are made of either 2, 3, or 4 inch mesh, and made of flat iron, twisted. When writing for prices mention size of mesh desired.

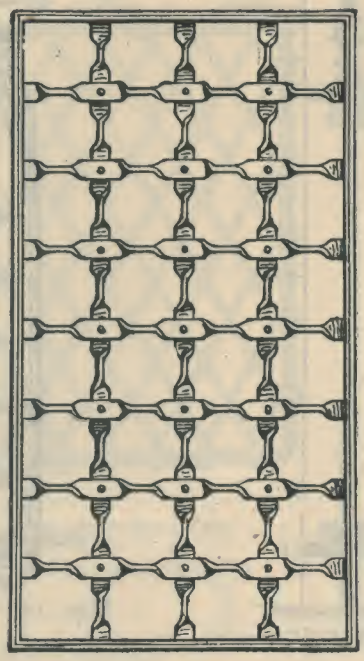
I make a large variety of this class of work, usually from Architects' drawings, but I am prepared to furnish special designs when desired.

WROUGHT IRON WINDOW GRILLS.



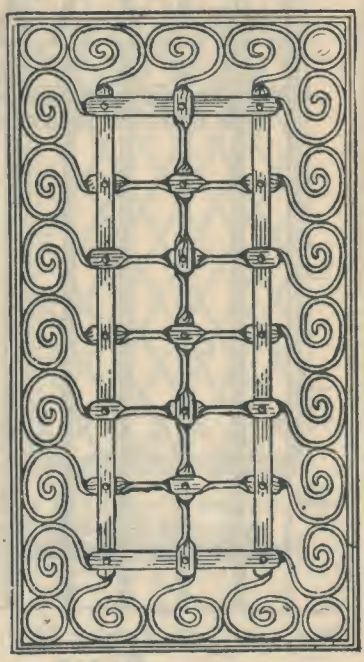
No. 40 Half Twist Flat Iron Window Guard

Price, per sq. foot, $1.00 to $1.50, according to size, etc.



No. 41 Quarter Twist Flat Iron Window Guard.

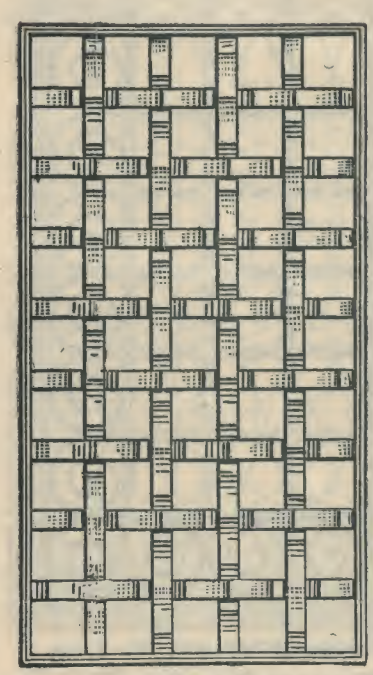
Price, per sq. foot, $1.00 to $1.50, according to size.



No. 42 Ornamental Scroll Border Wrought Iron Window Guard.

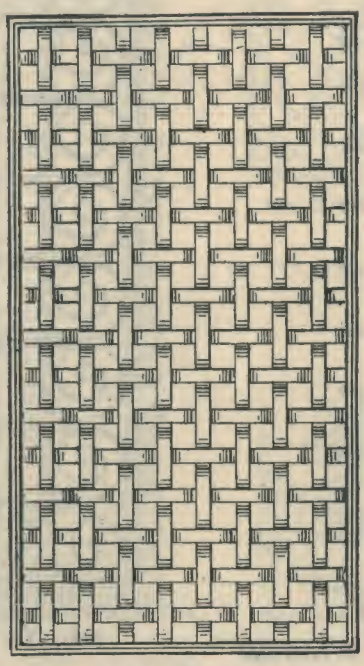
Price per sq. foot, $1.00 to $1.50, according to size.

These Window Guards are usually made of about 4 inch mesh, but can be made any size mesh desired, of flat iron with a strong channel iron frame to set into wood and fasten with screws. Intended especially for fine buildings.



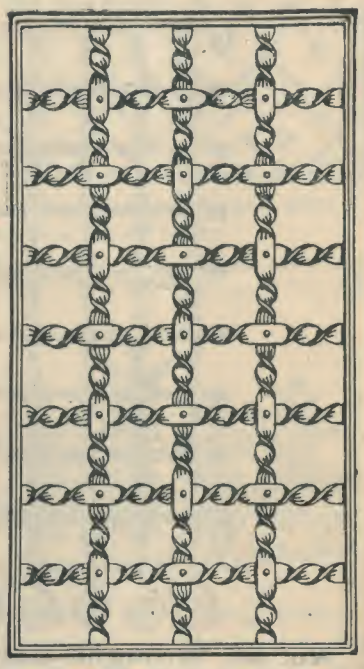
No. 43 Flat Crimped Iron Window Guard.

Price, 90c. to $1.25 per sq. foot, according to size and quantity ordered.



No. 44 Flat Crimped Iron Window Guard.

Price, $1.00 to $1.50 per sq. foot, according to size and quantity ordered.

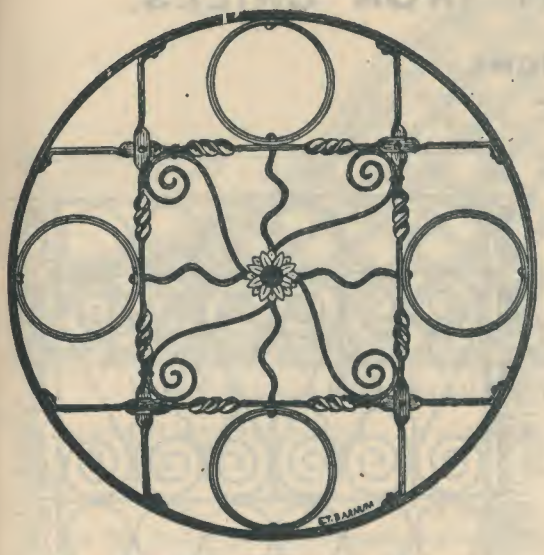


No. 45 Flat Twisted Iron Window Guard.

Price, $1.00 to $1.50 per sq. foot, according to size and quantity ordered.

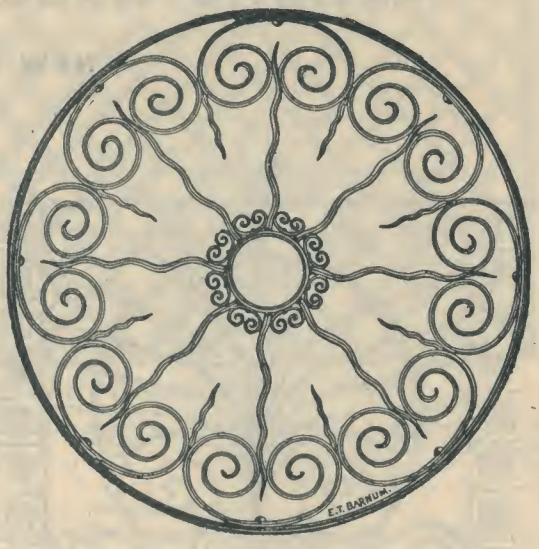
Send Sizes and Get Estimate.

COPYRIGHTED 1891.



No. 30 Wrought Iron Guard.

Price per square foot.....$1.75 to $2.25
According to size and quantity ordered.



No. 31 Wrought Iron Guard.

Price per square foot.....$2.00 to $2.50
According to size and quantity ordered.



No. 32 Transom or Window Guard.

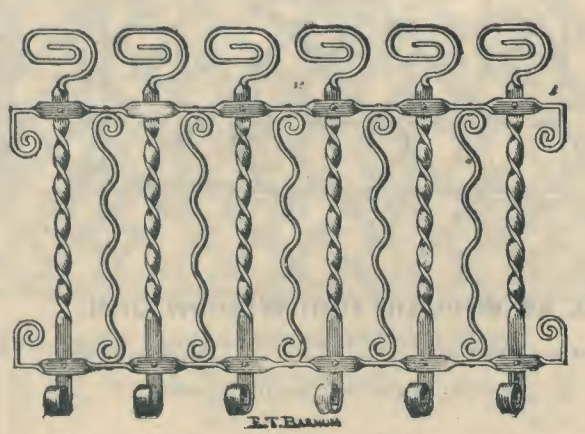
Price per square foot.....$2.00 to $2.50
According to size and quantity ordered.

Made to order any size desired.



No. 33 Wrought Iron Window Guard.

Price per square foot.....$2.00 to $2.50
According to size and quantity ordered.
A very handsome design for residences.



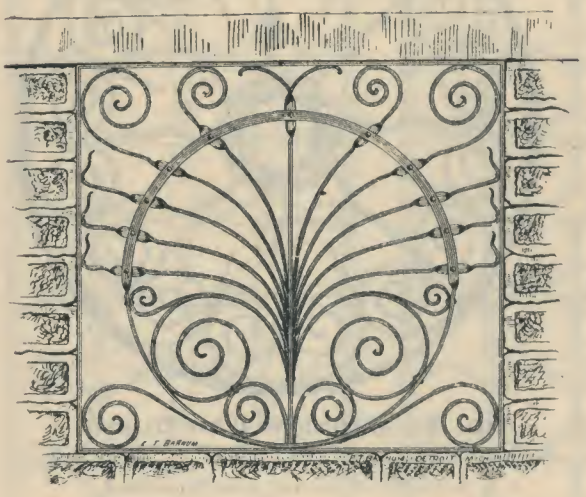
No. 34 Wrought Iron Window Guard.

Price per square foot.....$1.75 to $2.25
According to size and quantity ordered.
This new design is a popular one for residences, etc.

All kinds of Ornamental Wrought Iron Work made to order from special designs, but will be pleased to submit designs and estimates for any work in this line.

ARTISTIC WROUGHT IRON GRILLS.

NEW DESIGNS.

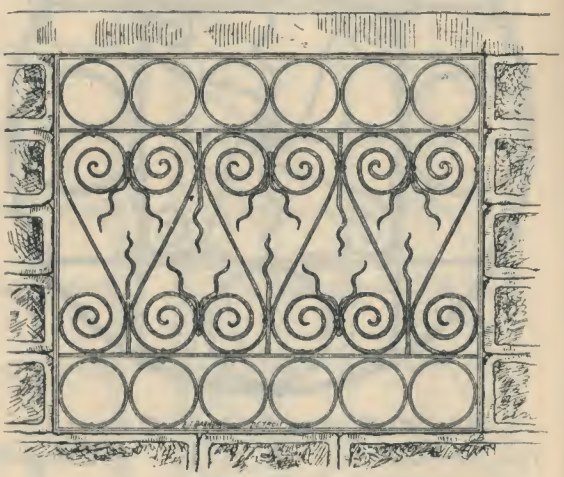


No. 46 Wrought Iron Window Grill.

Price per square foot.....$1.50 to $2.50

According to size and quantity wanted.

A very handsome design for residences.



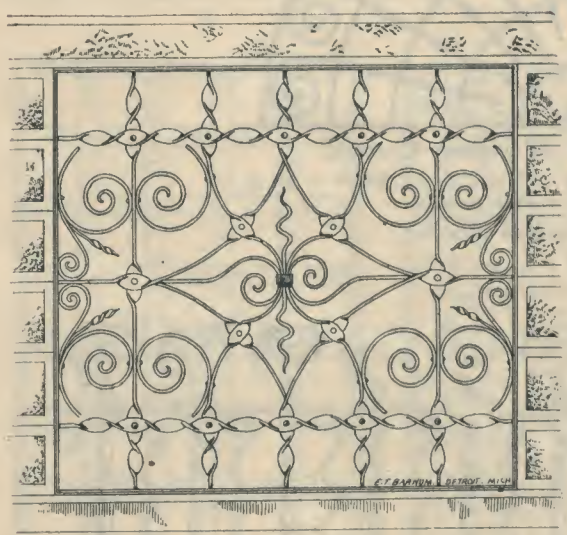
No. 47 Wrought Iron Window Grill.

Price per square foot.....$1.50 to $2.50

According to size and quantity wanted.

This new design is a popular one for residences, etc.

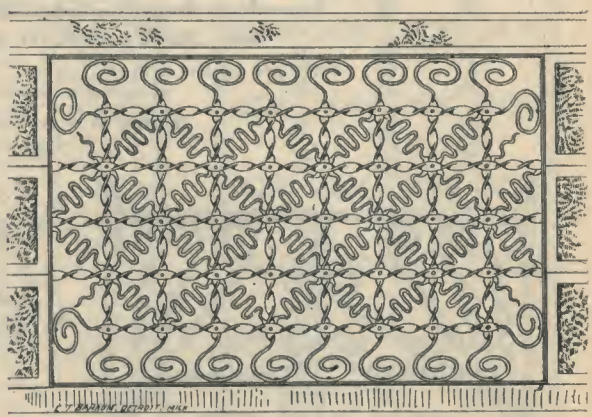
Select style and send sizes and quantity wanted and I will quote you special prices.



No. 48 Wrought Iron Window Grill.

Price per square foot.....$1.50 to $2.50

According to size and quantity wanted.



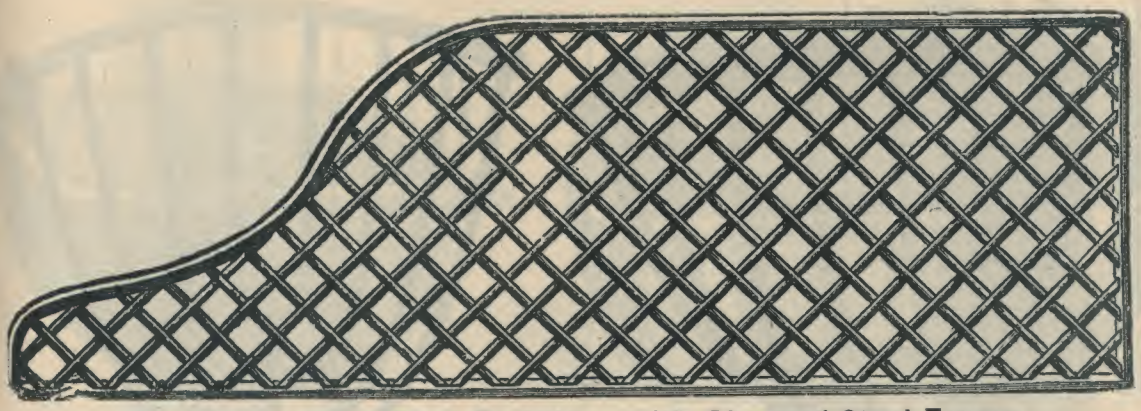
No. 49 Wrought Iron Grill.

Price per square foot.....$1.75 to $2.50

According to size and quantity wanted.

I make a specialty of Ornamental and Artistic Wrought Iron Grill Work of all kinds and make to order from special designs furnished, but will be pleased to submit designs and quote lowest prices.

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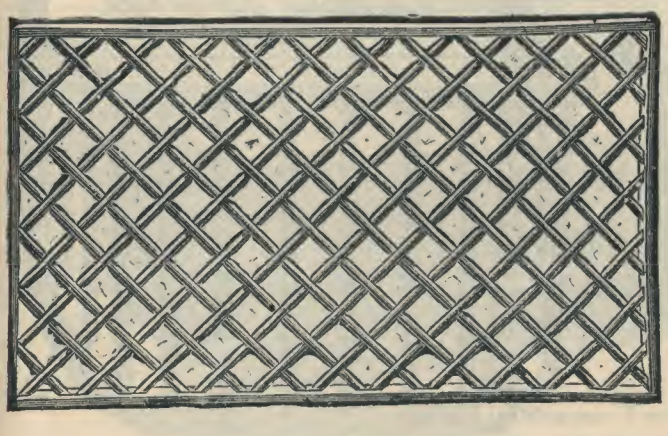


No. 1 Heavy Wire Stall Partition, with Channel Steel Frame.

6½	feet long,	25	inches high,	painted	each,	$8 00	8	feet long,	25	inches high, painted	each, $10 00
7	"	25	"	"	"	8 50	8½	"	25	" "	" 11 00
7½	"	25	"	"	"	9 00	9	"	25	" "	" 12 00

Box Stall Work to match.....per square foot, 50c.

The Box Stall Work is usually made the same style of work and height as the Stall Partitions, with or without food doors, as may be required.

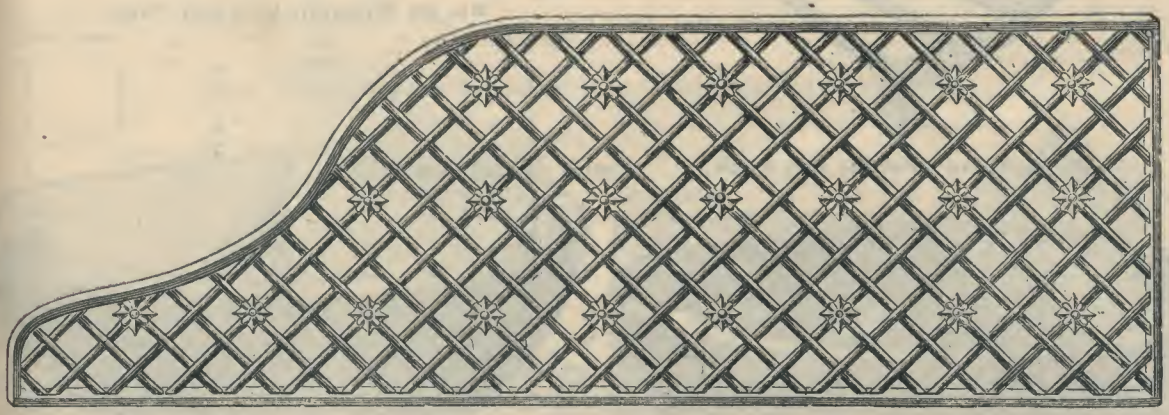


No. 1½ Box Stall Wire Work.

These Stall Guards or Partitions have a strong wrought steel frame and fasten securely with screws.

Price, per square foot..... 50c.

They are usually made the same style of work and height as *Stall Partitions*.



No. 3 Heavy Wire Stall Partition, with Three Rows of Rosettes.

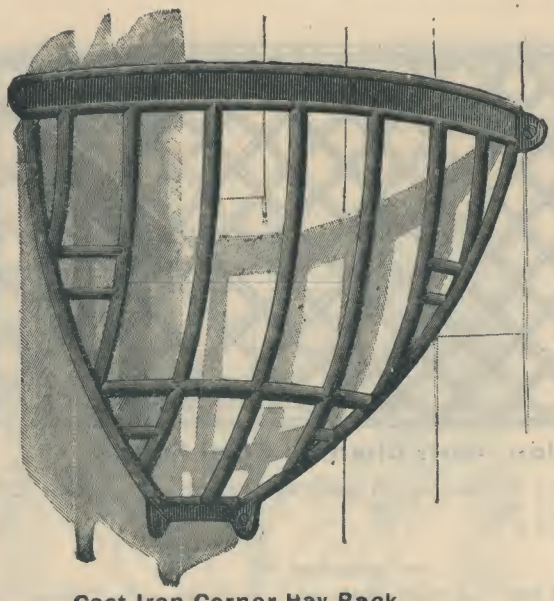
6½	feet long,	25	inches high,	each		$9 00	8	feet long,	25	inches high, each	$11 00
7	"	25	"	"		9 50	8½	"	25	" "	12 00
7½	"	25	"	"		10 00	9	"	25	" "	13 00

Box Stall Work to match, per square foot.....60c.

This is same pattern as No. 1, only with the addition of three rows of rosettes.

These Stall Guards or Partitions have a strong wrought steel frame, and fasten securely with screws to the wood work. The wire rods are interwoven as shown in cut, making a very durable and ornamental guard, much stronger than cast iron, and not liable to be broken. The least knock or kick will break a cast iron guard and render it unsafe to have in a stall, while my heavy wire guards can never be broken. Any size, style or shape guards, for open stalls, made to order.

This is a new Pattern with cross pieces, which prevents hay from being wasted.



Cast Iron Corner Hay Rack.

No. 16½ for the corner of a stall..... each, $2 75



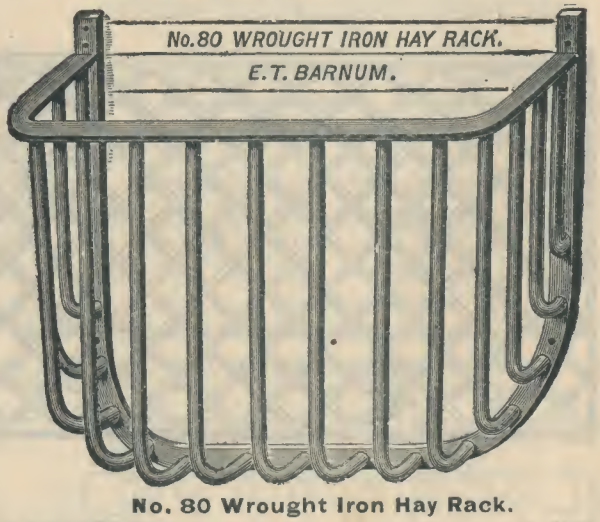
Cast Iron Corner Hay Rack.

No. 15½ for the corner of a stall..... each, $2 75



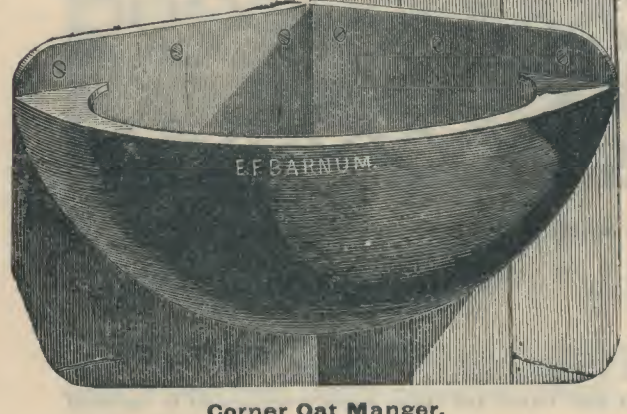
Wrought Iron Corner Hay Rack.

No. 82 each, $3 25



No. 80 Wrought Iron Hay Rack.

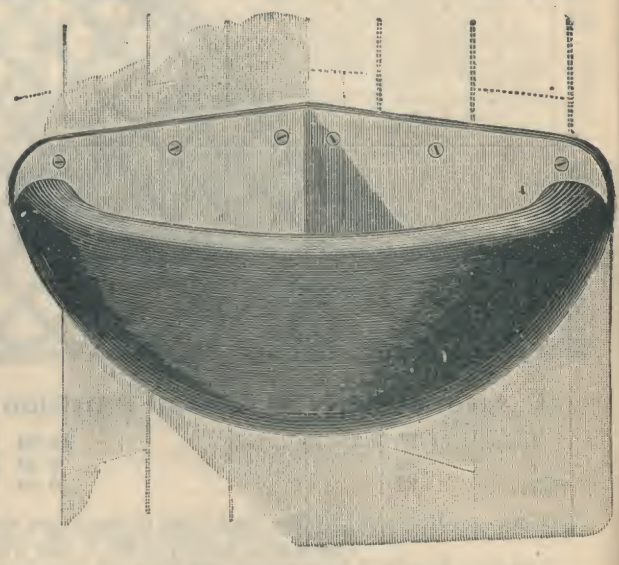
For center of stall..... each, $6 00



Corner Oat Manger.

No. 11½, with Food Flange, japanned.....each $2 50

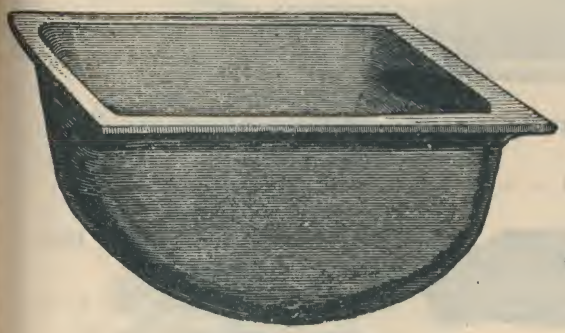
Has a Food Guard or Flange on top to prevent the horses wasting oats and feed.



Corner Oat Manger.

No. 14, with Food Guard, japanned.....each, $3 00

Has a heavy rolling food guard in front to prevent horses wasting oats and feed.



No. 12¾ Square Oat Manger.

With food Flange all around; japanned.

Size 19 inches long by 14 wide, 10 inches deep, each, $2 50

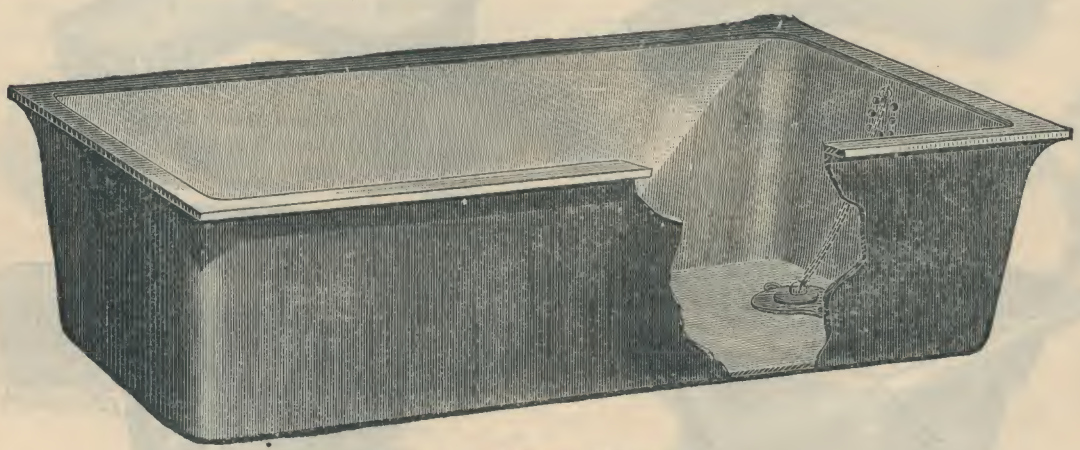
Convenient to use in connection with a wood manger.



Square Oat Manger.

With Flange, or food guard, japanned; adapted for Cut Feed and Oats.

No. 52, Size, 24 in. long x 14 in. wide, 11 in. deep, each, $4 25
" 52½, " 18 " x 12 " 11 " " 3 50



No 1½ Water Trough.

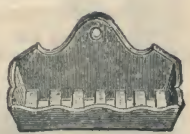
With overflow and plug strainer.

20 inches long,	16 inches wide,	12 inches deep			$ 5 50
24 "	19 "	12 "			7 00
36 "	20 "	12 "			12.00

These Water Troughs are very convenient and should be placed in every barn.

No. 35 Soap Dish.

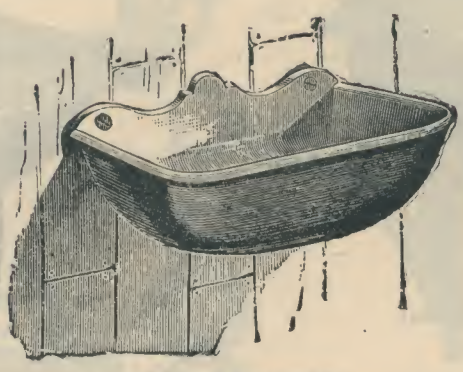
Japanned.. 40c.





No. 66 Corner Salt Dish.

Size 6½ x 6½, in., japanned, $1 00



No. 36 Side Salt Dish.

Size 13 x 8 in., japanned..... $1 00



No. 106 Horse Head.

For wood hitching post.

Japanned..... $2 25

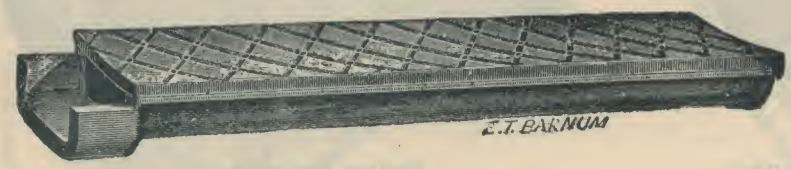
STABLE FITTINGS.



No. 120½ Open Stall Gutter.

7½ inches wide, japanned.....per foot, 90c

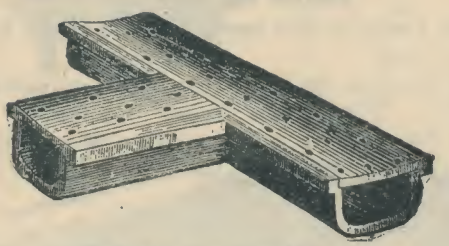
This Gutter is made in sections 5 feet long and to connect with No. 32½ Cesspool.



No. 29½ Improved Cast Iron Stall Gutter.

Any length per foot, $1 40

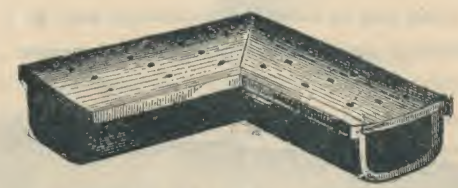
Made to connect with No. 30½ Cesspool.



T Angle Connection.

Making **T** Angle.

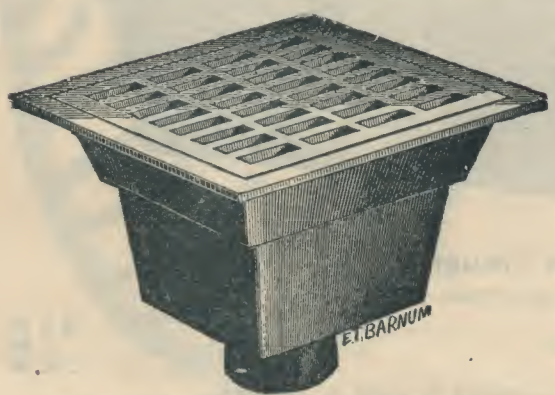
Connection $1.25 extra above price per lineal foot.



L Angle Connection.

Making **L** Angle.

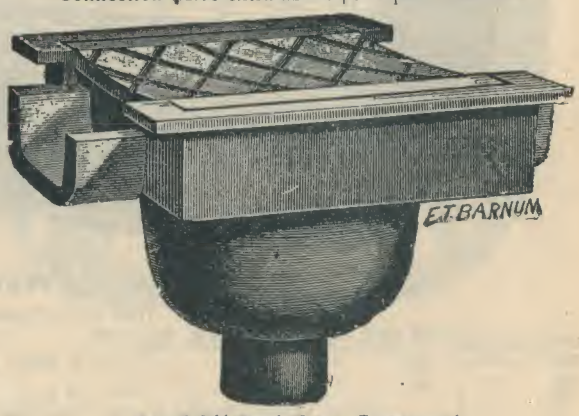
Connection $1.00 extra above price per lineal foot.



No. 31½ Carriage Wash or Cesspool.

Size about 16 inches square.....each, $4 50

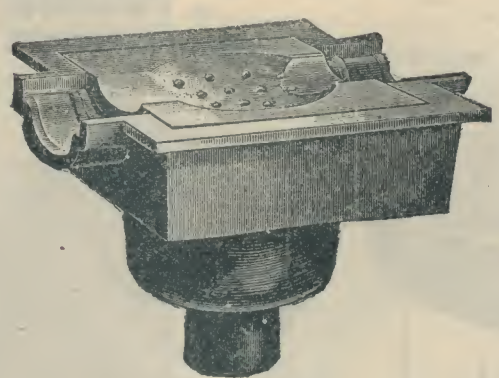
This Cesspool has a movable grating, sufficiently strong for a horse to step on without danger of breaking.



No. 30½ Bell Trap Cesspool.

For a gutter drain.....each, $7 00

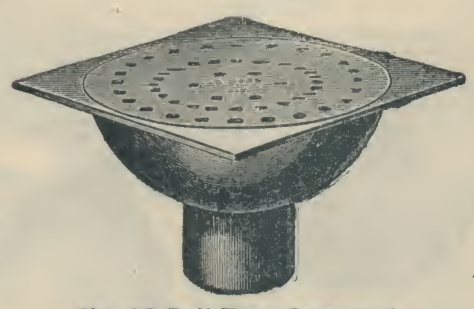
Made to connect with No. 29½ Stall Gutter. This Cesspool, in connection with my improved Gutter, affords perfect drainage, and keeps a stable pure and healthy.



No. 32½ Belltrap Cesspool.

For open gutters.

Made to connect with open gutter, japanned.....$5 50



No. 28 Bell Trap Cesspool.

Size 12 x 12 inches,	japanned		Each,	$3 75
" 8 x 8	"	"	"	3 25
" 6 x 6	"	"	"	2 00
" 4½x4½	"	"	"	1 50

No. 30½ and No. 32½ Cesspools furnished with only one end open, without extra charge.



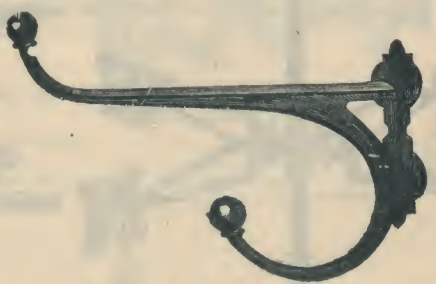
No. 128½ Saddle and Bridle Bracket.
Japanned.....Each, $7 00



No. 11 Saddle and Bridle Bracket.
Japanned.....Each, $2 50

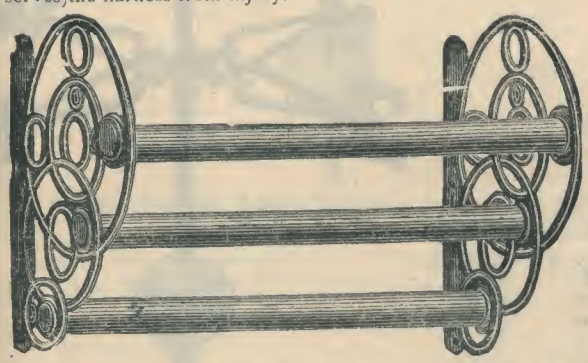


No. 16½ Harness Set.
FOR HANGING UP HARNESS.
Per set of 5 pieces, japanned.....$1 75
This method of hanging up harness is very convenient and preserves the harness from injury.



No. 74½ Harness Hooks.

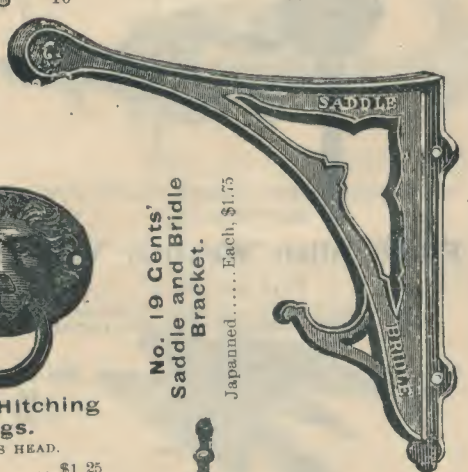
6 inches long, japanned	...	per doz.,		$1 50
8	"	"	... "	2 50
10	"	"	... "	3 00



No. 291 Blanket Bracket.
For Three Rollers.
Price per pair.....$3 00
Wood Rollers.....extra, 2 50



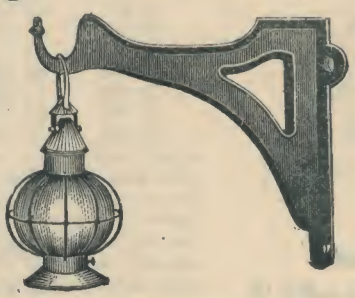
No. 46 Hitching Rings.
LION'S HEAD.
Each.....$1 25



No. 19 Cents' Saddle and Bridle Bracket.
Japanned.....Each, $1.75



No. 74 Pole Bracket.
Japanned.....per pair, $2 50



No. 78 Lantern Bracket.
Japanned.....Each, 75c.



No. 77 Oiling and Washing Bracket.
Japanned.....each, 90c

COPPER WEATHER VANES.



☞ I particularly invite comparison of my Vanes with any other manufacturer in this country, both as to style, designs and prices. The price of each Vane includes iron spire, with steel spindle, points of compass, gilt letters and balls. Zinc contracts and expands by the action of the weather five times as much as copper. The result will be that the Vanes so made will crack where the zinc and copper are united, and soon fall to pieces.



Ethan Allen Weather Vane.

FULL BODIED.

PRICE—MOUNTED COMPLETE, WITH SPIRE, LETTERS AND BALLS.

No. 1, Ethan Allen,	31 in. long,	each,	$20	00
" 151, "	Jr., 25 "	"	15	00
" 2, "	4 ft. "	"	75	00



MEDIUM ROOSTER.

MOUNTED COMPLETE LIKE ETHAN ALLEN.

No. 14, size 24 inches	$15	00
" 15, " 32 "	28	00



Patchen Weather Vane.

FULL BODIED.

PRICE—MOUNTED COMPLETE, WITH SPIRE, LETTERS AND BALLS.

No. 4 A, 42 inches long, full bodied	$40	00
No. 4½ Patchen, with sulky, 52 inches long	60	00

Send for complete Weather Vane Circular.



No. 53 Copper Eagle Vanes.

FULL BODIED.

			Eagles only.	Eagles with Arrows, Spire, Balls and Letters.
No. 53,	15 inches	spread	$ 12 00	$ 15 00
" 53½,	18	"	15 00	18 00
" 30,	2 feet	spread	20 00	25 00
" 29,	2 " 6 inches	"	30 00	35 00
" 28,	3 " 6 "	"	40 00	50 00
" 71,	4 "	"	60 00	70 00
" 27,	5 " 6 "	"	125 00	150 00
" 26,	6 " 6 "	"	150 00	175 00
" 70,	7 "	"	185 00	200 00
" 69,	8 "	"	225 00	250 00
" 68,	10 "	"	275 00	325 00
" 67,	12 "	"	300 00	350 00

The above cut represents the most perfect and life-like Copper Eagle Vane now in the market. Many others which are now being sold are made of galvanized iron, are poor imitations and are not durable. We make them wholly of copper, with double thick wings, and gild them with pure gold leaf, which will last almost a lifetime. In comparing quality and style with those of other makers we feel sure that ours will have the preference. Arrows are indispensable when eagles are used as vanes.

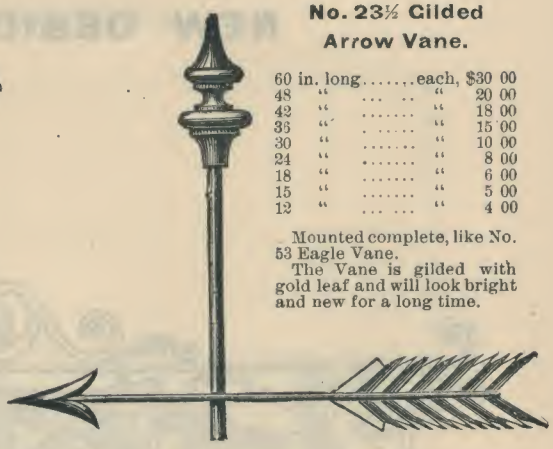
I also make Metallic Eagles without the points of compass, from 6 to 12 feet spread of wings, to set in front of buildings.

No. 23½ Gilded Arrow Vane.

60 in. long	each,	$30 00
48 "	"	20 00
42 "	"	18 00
36 "	"	15 00
30 "	"	10 00
24 "	"	8 00
18 "	"	6 00
15 "	"	5 00
12 "	"	4 00

Mounted complete, like No. 53 Eagle Vane.

The Vane is gilded with gold leaf and will look bright and new for a long time.



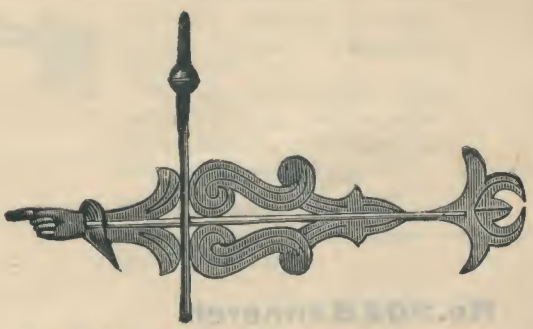


No. 42¼ Inches Gilded Scroll Vane.

GILDED WITH GOLD.

28 inches long	each,	$14 00
36 "	"	18 00

Mounted complete like No. 53 Eagle Vane, suitable for public buildings, churches or private residences.



No. 215 Gilded Scroll Vane, with Index.

GILDED WITH GOLD.

3 feet long	each,	$18 00
3½ "	"	22 00
4 "	"	25 00
5 "	"	35 00

Mounted complete, like No. 53 Eagle Vane.



No. 1½ Small Metallic Eagle

For Flag Poles, Etc., Bronzed with Gold.

3 inch spread	$2 50	6½ inch spread	$4 00
4 "	3 00	7 "	4 75

No. 2½ Large Zinc Eagle.

Cast in Zinc, for Lamps, Monuments, Etc.

10 inch spread	$ 8 00	14 inch spread	$12 00
18 inch spread			$16 00

NEW DESIGN BANNERETS.



No. 201 Initial Banneret.

Mounted complete, with Spire, Letters and Ball, same as No. 203 Vane on page 33.

Vane, 3 feet long.....each, $40 00
" 3 ft. 6 in. long..... " 45 00

The Banneret is gilded with gold leaf and the shaft is iron and made to extend into tower. Can be made without spire, letters and ball and painted instead of gilded, at a less price.

Any initial cut in panel without extra charge.

This is one of the most Artistic Bannerets ever made.

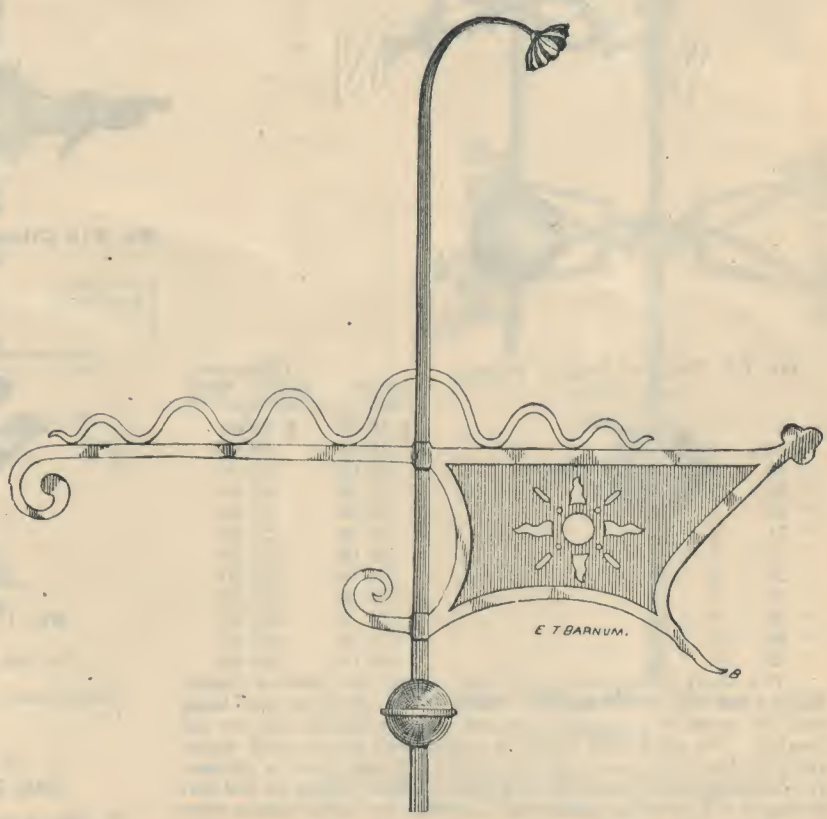
No. 202 Banneret.

Mounted complete, with Spire, Letters and Ball, same as No. 203 Vane on page 33.

Vane, 2 feet 6 inches long, each $25 00
Vane, 3 feet long..... 28 00

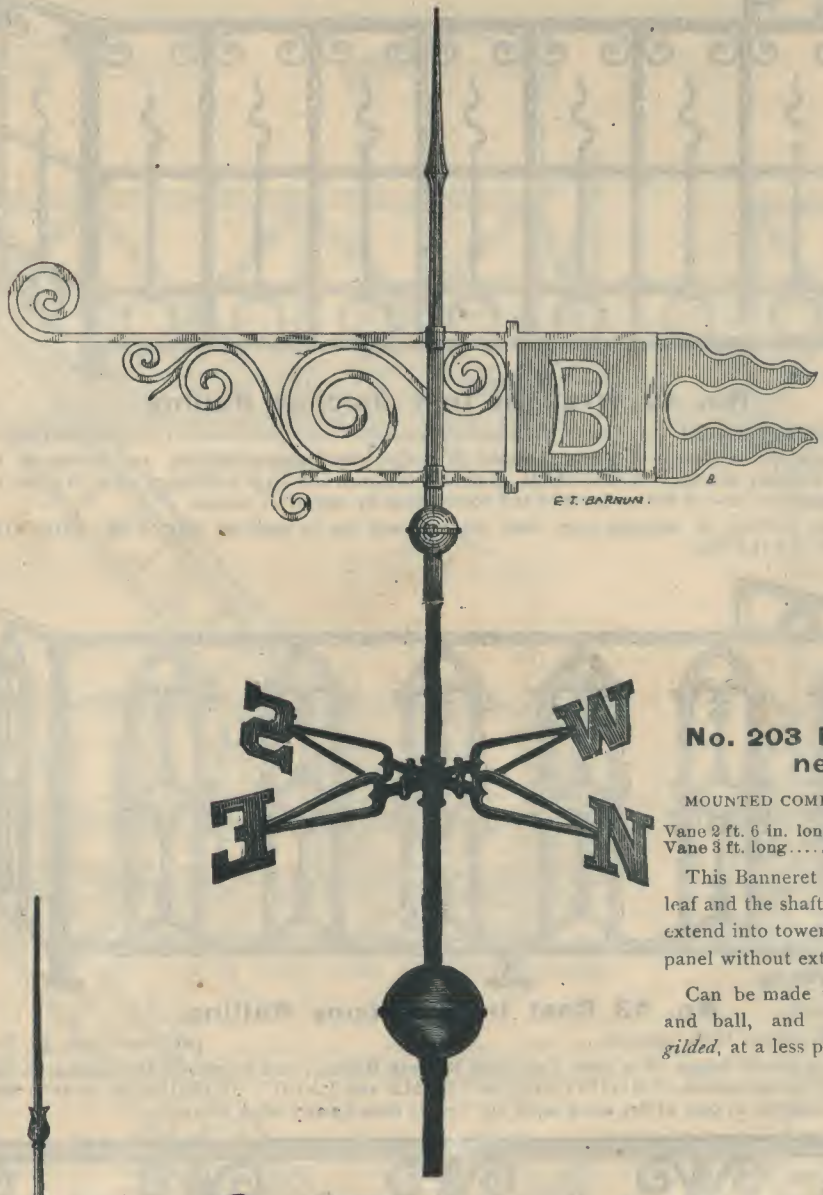
This Banneret is gilded with gold leaf and the shaft is iron and made to extend into tower.

Can be made without spire, letters and ball and painted instead of gilded, at a less price.



I am constantly adding new and original designs to my catalogue and will be pleased to hear from any one contemplating buying any work in this line.

NEW DESIGN BANNERETS.



No. 203 Initial Banneret.

MOUNTED COMPLETE, AS SHOWN.

Vane 2 ft. 6 in. long.....each, $24 00
Vane 3 ft. long..... " 27 00

This Banneret is gilded with gold leaf and the shaft is iron and made to extend into tower. Any initial cut in panel without extra charge.

Can be made without spire, letters and ball, and painted instead of *gilded*, at a less price.



No. 200 Dolphin Vane.

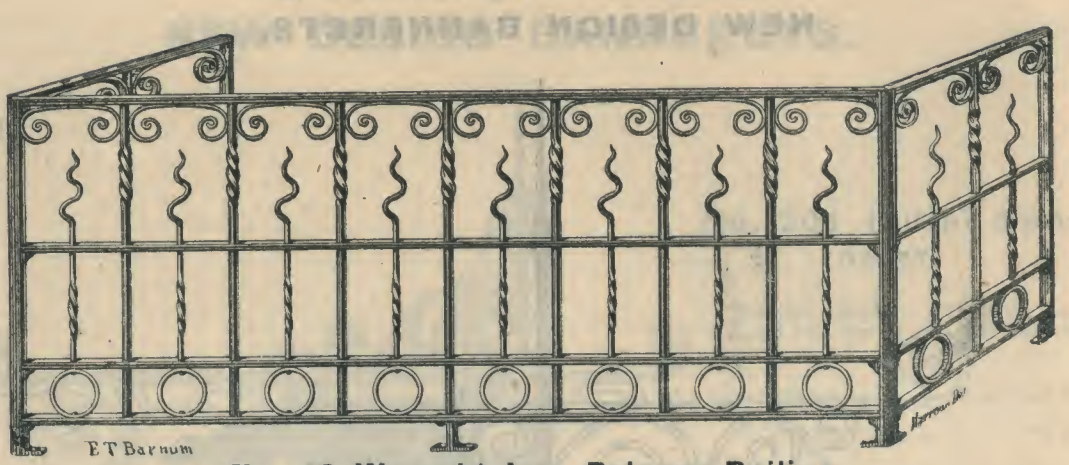
MOUNTED COMPLETE, SAME AS NO. 203 BANNERET.

Vane 18 inches long..... each, $15 00
Vane 24 inches long..... " 18 00

This Vane is gilded with gold leaf and the shaft is iron and made to extend into tower.

Can be made without spire, letters and ball, and painted instead of *gilded*, at a less price.

I make any style of Vane, Banneret, or finial to order from special designs. Send designs and get estimates.

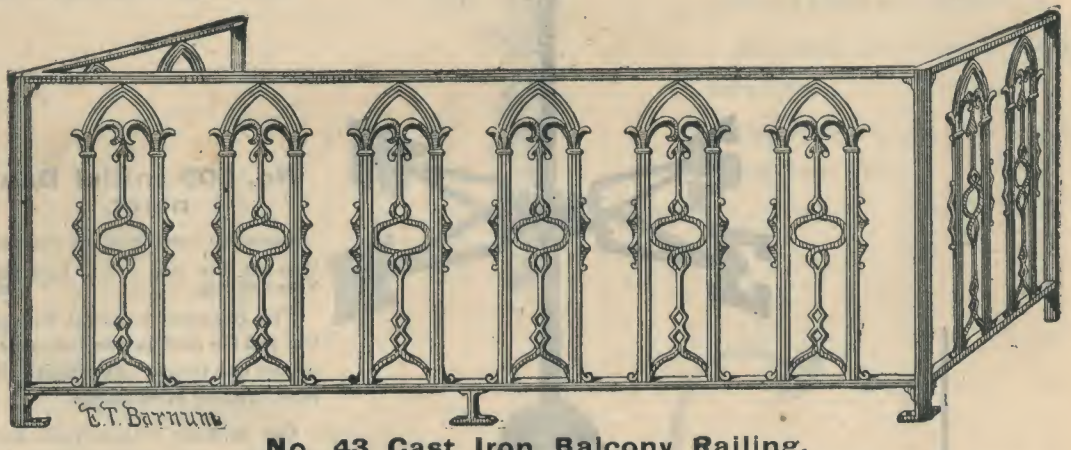


No. 42 Wrought Iron Balcony Railing.

Made 30 inches high, painted..... per lineal foot, $3 25

The above cut is a special design of a new Twisted Wrought Iron Balcony Railing, and represents the manner in which Balcony Fire Escapes are used on the outside of hotels, factories and large buildings, so as to make the escape of a large number of persons in case of fire more rapid and secure than by any other means.

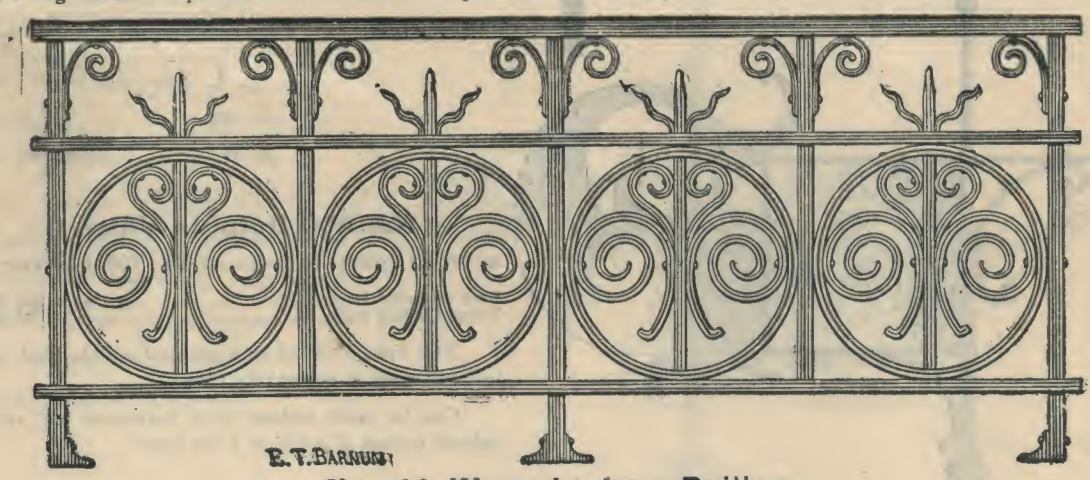
The work is made entirely of wrought iron, well painted, and can be used for PIAZZAS, PORCHES, BALCONIES or GALLERY RAILINGS.



No. 43 Cast Iron Balcony Railing.

Made 30 inches high, painted..... per lineal foot, $2 25

The above cut is a special design of a new Cast Iron Balcony Railing, and represents the manner in which Balcony Fire Escapes are used on the outside of HOSPITALS, ASYLUMS and LARGE BUILDINGS, so as to make the escape of a large number of persons in case of fire more rapid and secure than by any other means.



No. 44 Wrought Iron Railing.

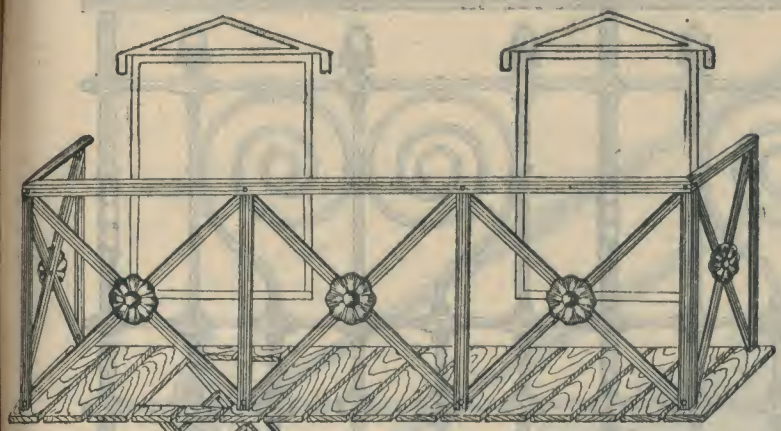
Made 30 inches high, painted.....per lineal foot, $3 75

For prices of Wrought Iron Brackets see page 36.

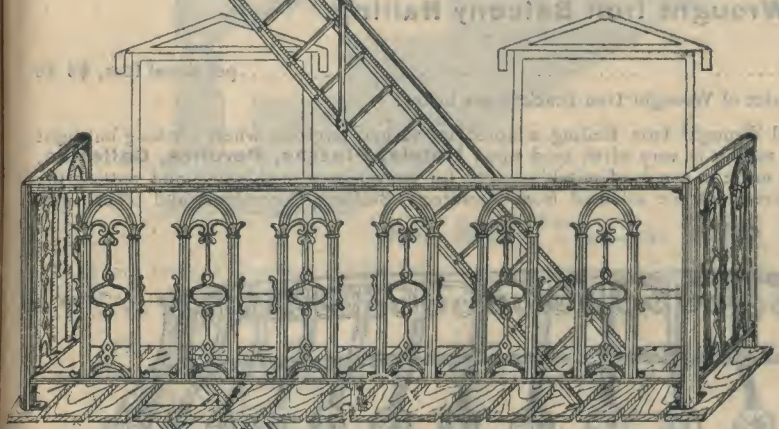
This is a new design, very strong and ornamental, and very appropriate for BALCONIES, PORCHES, PIAZZAS, GALLERIES, OFFICE and COURT ROOM PARTITIONS, etc. It is made entirely of wrought iron and well painted, and is a handsome railing. It can be made in other heights, if desired, at proportionate prices.

The above prices do not include the floor, which is usually furnished by the parties ordering, and save freight. The usual size is about 10 feet long and 36 inches return at each end. Any size made to order.

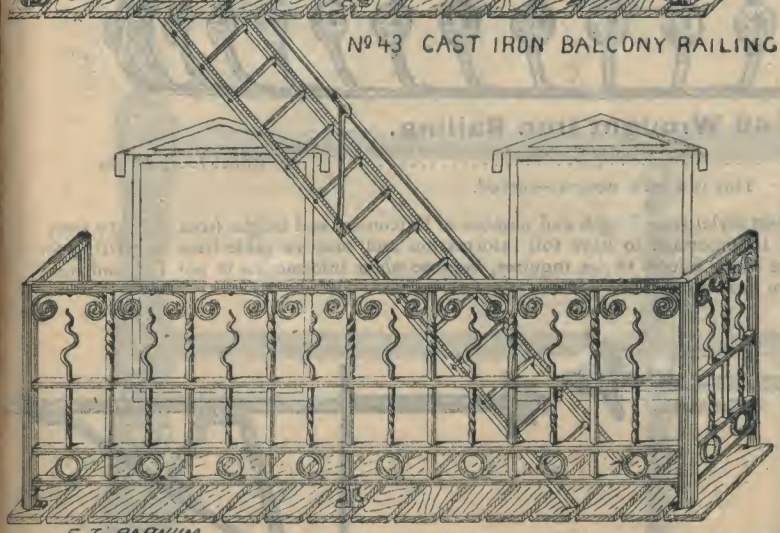
BALCONY FIRE ESCAPE.



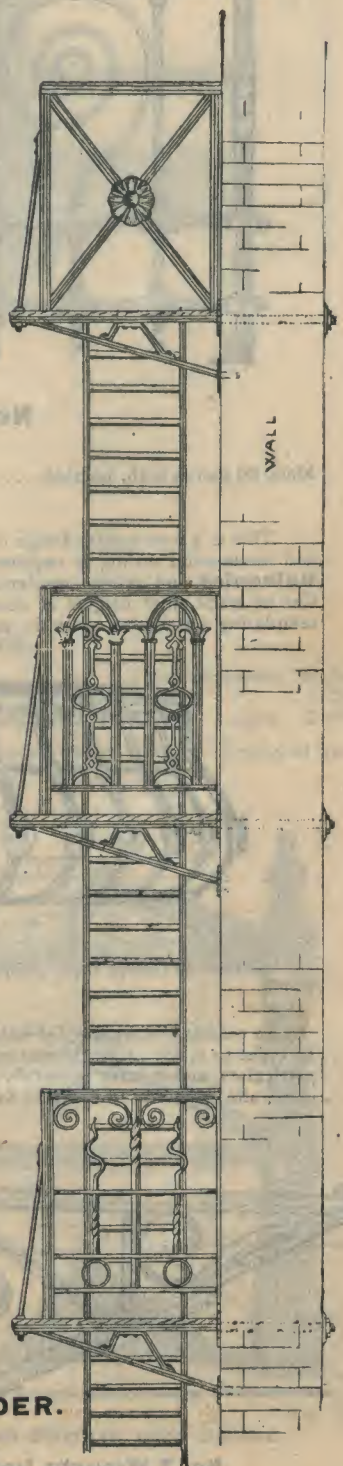
Nº 40 WROUGHT IRON BALCONY RAILING



Nº 43 CAST IRON BALCONY RAILING



Nº 42 WROUGHT IRON BALCONY RAILING

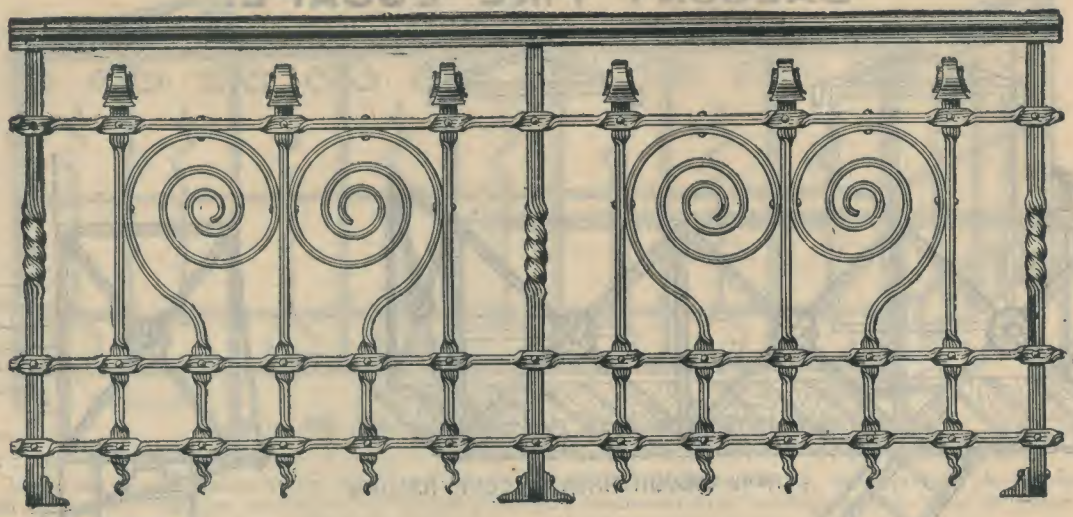


BALCONY FIRE ESCAPE AND LADDER.

Prices of Railing, Brackets, Ladders, etc.

No. 40 wrought iron, 30 inches high	per lineal foot,	$2 00
No. 43 cast " 30 " "	" "	2 25
No. 42 wrought " 30 " "	" "	3 25
Wrought Iron Ladder to connect Balconies	" "	1 25
Heavy Wrought Iron Brackets, same as shown in cut:		
24 inch Bracket for 30 inch Platform	each,	4 50
30 " " " 36 " "	"	5 00
36 " " " 42 " "	"	5 50

Write for prices before placing your orders.

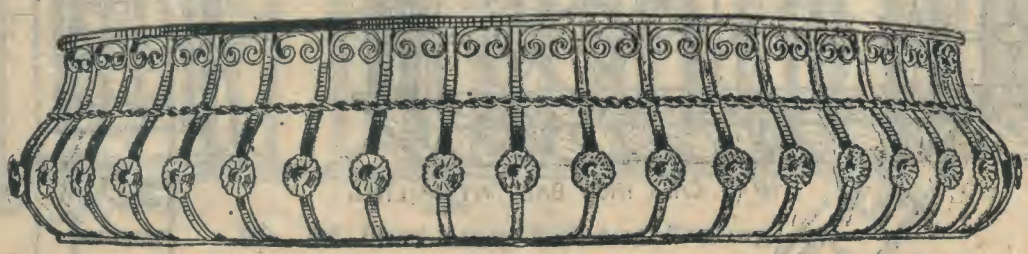


No. 45 Wrought Iron Balcony Railing.

Made 30 inches high, painted..... per lineal foot, $3 50

For price of Wrought Iron Brackets see below.

This is a new special design of Twisted Wrought Iron Railing, adapted for various purposes where a strong but light and ornamental railing is required. This railing is very often used upon **Hotels, Piazzas, Porches, Galleries, Balconies** and private residences. It is made in panels of suitable length for convenience in shipping and putting up. Can be made other heights if desired. Correspondence solicited from Architects, Builders, Contractors and others contemplating purchasing work in my line.



No. 46 Wrought Iron Railing.

Made 30 inches high, painted. per lineal foot, $3 00

This is a new design—curved.

In ordering or writing for estimates, select style, state length and number of Balconies, and height from story to story. In order to make an intelligent estimate it is important to have full information and save valuable time in writing for particulars, and in most cases this will insure better figures to the inquirer, because when information is not full and complete, allowance has to be made for unknown quantities.

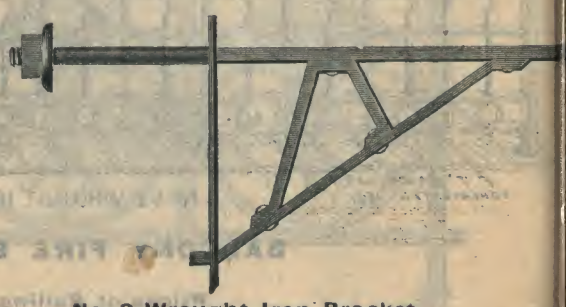


No. 3 Wrought Iron Bracket.

Made any Size.

24 inch Bracket for 30 inch Platform.....each, $5 50
30 " " 36 " " " 6 00
36 " " 42 " " " 6 50

Made with bolt to go through wall with nut and washers.



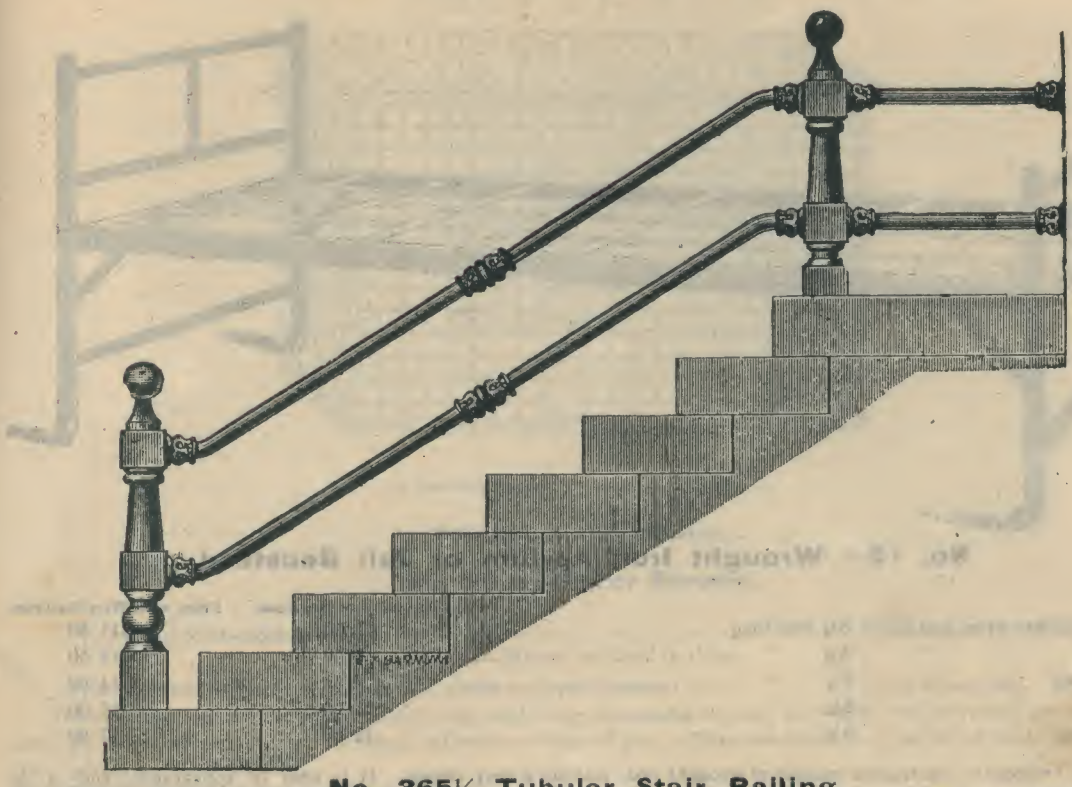
No. 2 Wrought Iron Bracket.

Made any Size.

24 inch Bracket for 30 inch Platform... ...each, $4 50
30 " " 36 " " " 5 00
36 " " 42 " " " 5 50

A plain, strong, Wrought Iron Bracket, made with heavy bolt to go through the wall, with nut and washer.

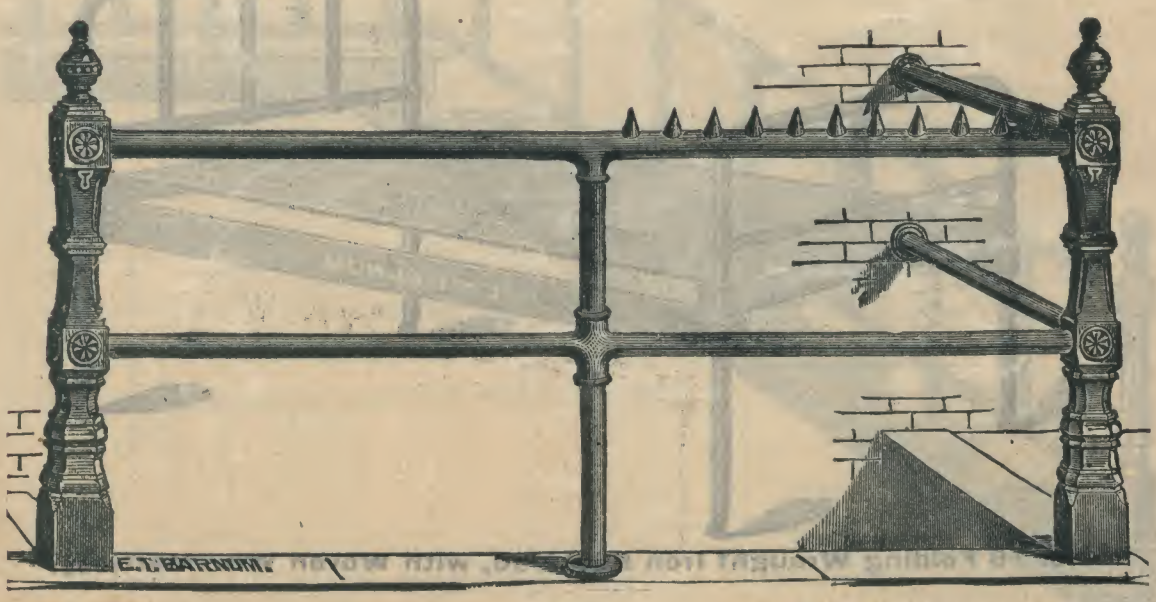
In ordering Brackets, give thickness of wall. These Brackets are intended to be used with Balcony Railings.



No. 365½ Tubular Stair Railing.

1⅜ inch (outside diameter) tubular rails	per lineal foot,	$1 50
1⅝ " " "	" "	1 75
Extra for Newel Posts	each,	5 00

This is a neat and substantial pattern, low in price but equal in appearance to more expensive railings. Each post has a substantial base to attach to wood or stone as may be ordered.

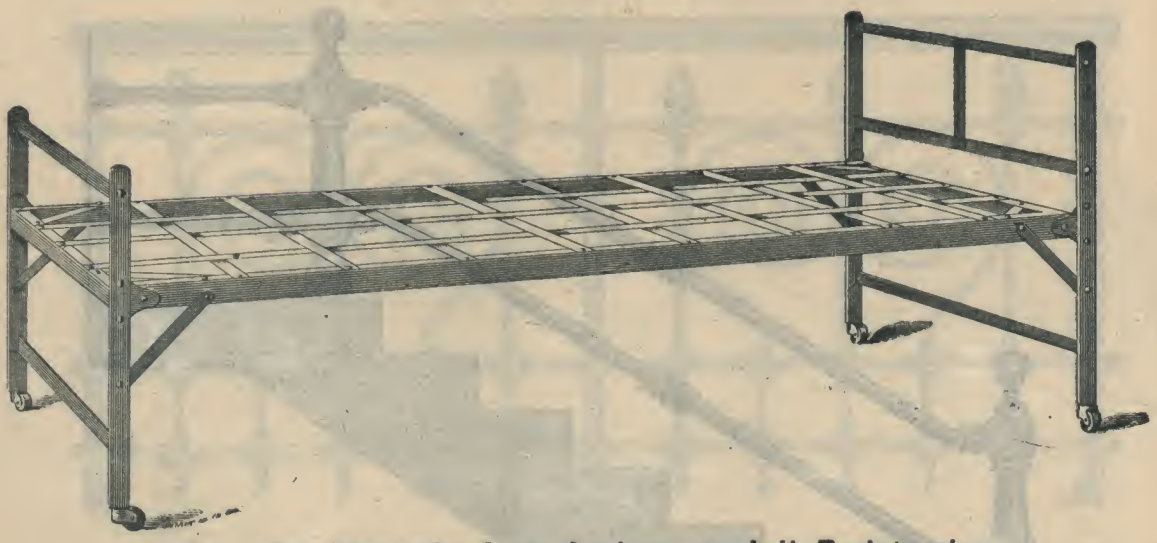


No. 360 Pattern without Spikes. No. 361 Pattern with Spikes.

Wrought Iron Tubular Railing for Stair Areas, Etc.

No. 360, 1¼ inch diameter tubular rails	per lineal foot,	$1 00
" 361, 1¼ " " with points or spikes	" "	1 35
Extra for 36 inch Ornamental Newel Posts, similar to 365½ Railing	each,	5 00

This pattern of Area Railing is made with posts either to attach to stone or wood-work, and in panels of suitable length. In ordering state whether for wood or stone, and send sketch giving measurements exactly as the railing is wanted when set. By observing these directions there will be no delay occasioned in writing for them.



No. 12½ Wrought Iron Asylum or Jail Bedstead.

	Price without Wire Mattress.	Price with Wire Mattress.
2½ feet wide, and about 6¼ feet long	each, $7 50	$11 50
3 " " 6¼ "	" 8 50	12 50
3½ " " 6¼ "	" 9 50	14 50
4 " " 6¼ "	" 11 00	16 00
4½ " " 6¼ "	" 12 00	17 00

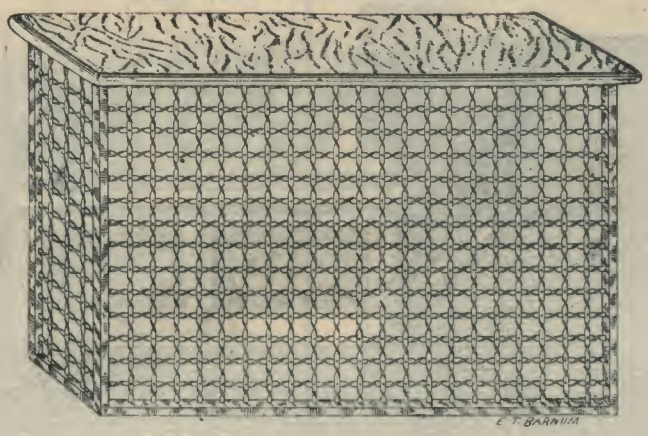
This bedstead is constructed entirely of wrought iron, making it very strong. It is neat in appearance, and is the best bed for the price in the market; with proper care they will never wear out. Especially adapted for *asylums*, *jails*, *hospitals*, *residences*, *etc.*



No. 16 Folding Wrought Iron Bedstead, with Woven Wire Mattress.

2½ feet wide by 6¼ feet long	each, $10 50
3 " " 6¼ "	" 11 50
3½ " " 6¼ "	" 13 50
4 " " 6¼ "	" 15 00
4½ " " 6¼ "	" 16 00

This is a new Bedstead, made with a woven wire mattress attached to a wood frame, which makes it lighter in shipping and more easily handled by servants. For convenience in storage or shipping it will fold flat. Special price for hospitals, asylums, etc., in quantities.



CUT SHOWING SCREEN ON OUTSIDE OF RADIATOR.

Polished Brass, Twisted.

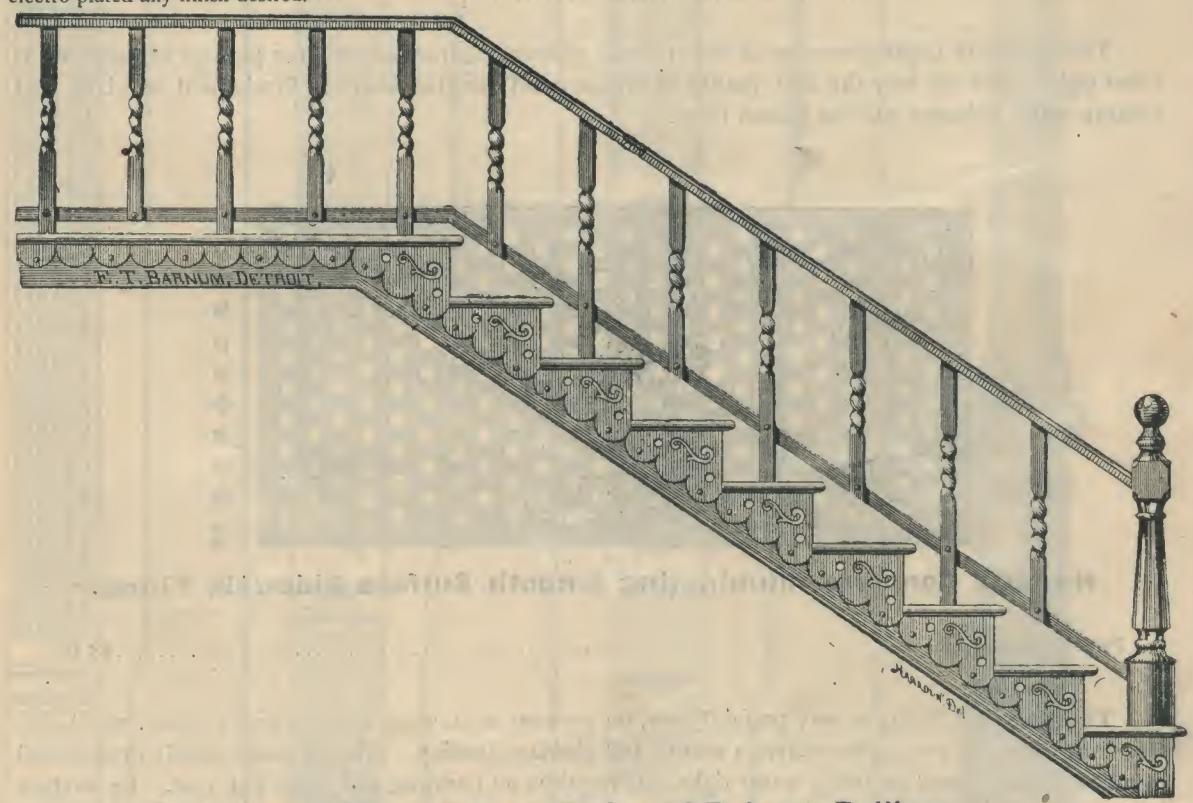
No. 25 Radiator Screen.

Price, finished in polished brass per square foot, $2 25

Marble slab not included in Price.

Price, finished in antique brass, copper, nickel or electro bronze..... per square foot, 2 75

These screens are very desirable, easily put up, and being ornamental are now universally used in fine residences, public buildings, stores, offices, etc., for enclosing radiators or coils of pipe. They are made in a variety of styles, and can be electro plated any finish desired.



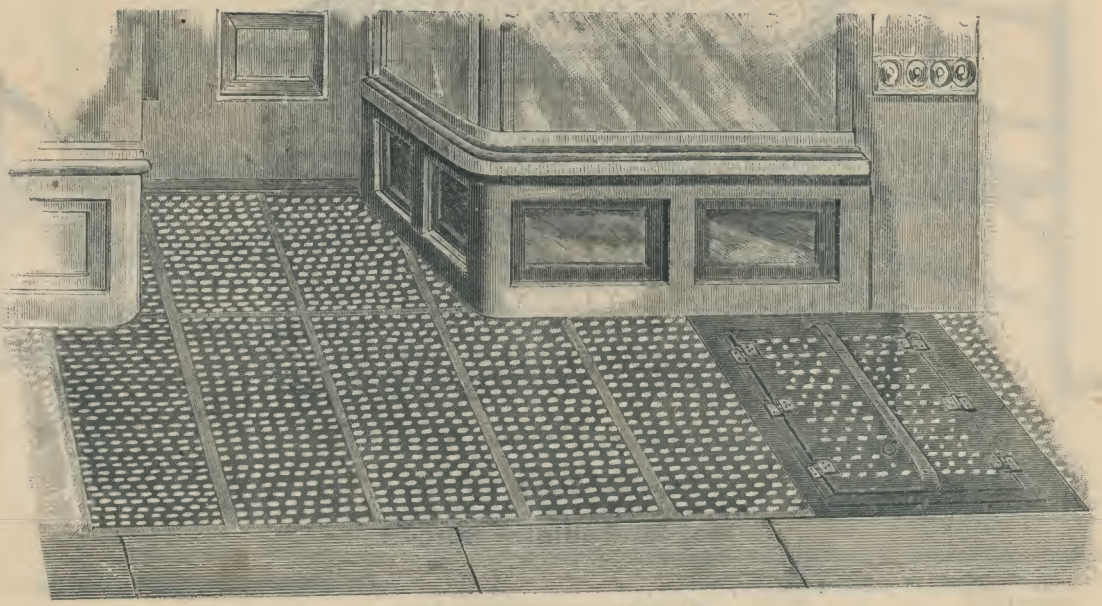
No. 1½ Wrought Iron Stair and Balcony Railing.

Railing about 30 inches high for level balconies per lineal foot, $1 50
" 30 " " stairs not curved.... " 2 00
Cast Iron Newel Posts..... each, 5 00

As the price of stairs depends on the length, width and height, also size of landing at top, I would ask parties desiring prices on stairs *to give full particulars.*

This pattern is light, neat and substantial, and for parties desiring a plain and inexpensive railing or stairs, it is very desirable. I can furnish cast and wrought iron stringers with wood or cast iron treads, also cast iron risers. Send specifications and get estimates.

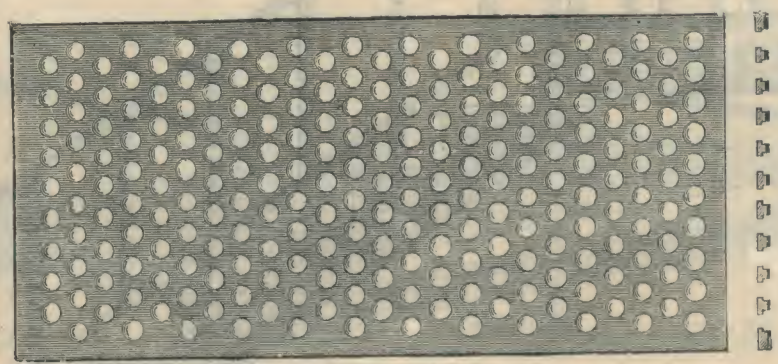
SIDEWALK TILING.



No. 200 Bull's Eye Illuminating Sidewalk Tiling.

Price per square foot.....with frame, $2 25
" " without frame, 2 00

This Sidewalk Light possesses all the strength of wrought iron, admits free passage of light and is water tight. We use only the best quality of cement, and the glasses are so firmly held in place that striking with a hammer will not loosen them.



No. 201 Concrete Illuminating Smooth Surface Sidewalk Tiling.

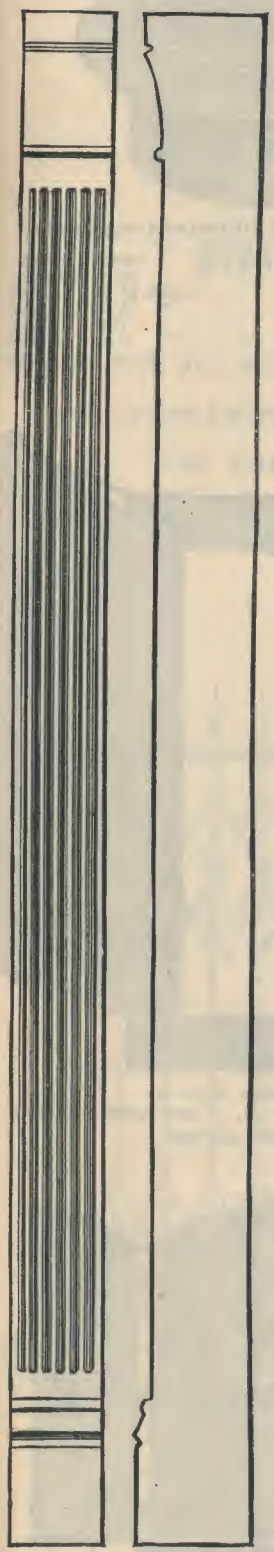
Price per square foot.....$3 00

This Sidewalk Tiling is very popular now, on account of its even non-slippery surface, and being free from points or projections offers a secure and pleasant footing. Always clean, highly ornamental of great durability and perfectly water tight. It requires no painting and does not rust. Its surface being made of glass and hydraulic cement, it rather improves by age. It is used in nearly all the modern office and public buildings, both for interior and exterior work.

In ordering, give the size of opening, and not cut the stone until the sidewalk light is received. Please send sketch and dimensions and get estimate.

Where openings are less than 3½ feet wide, frames are not necessary. For wide openings they should be used.

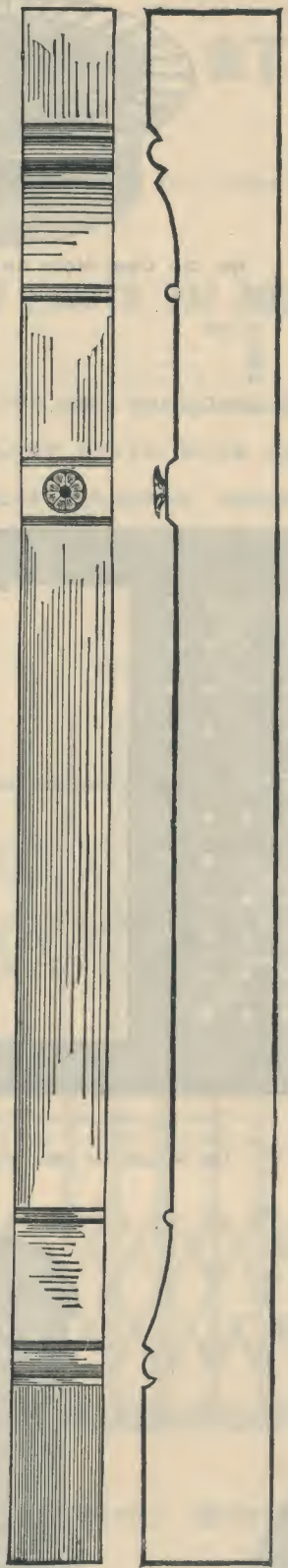
CAST IRON COLUMNS FOR BUILDINGS.



No. 6 Column.

Open or closed back.

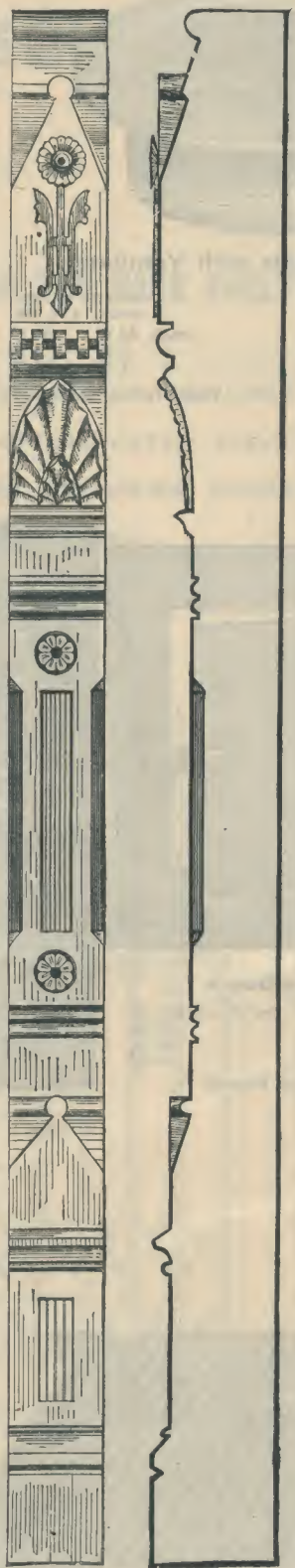
Made any height or size desired. Scale, 1 in. to 1 ft., 6 in. face.



No. 7 Column.

Open or closed back.

Made any height or size desired. Scale, 1 in. to 1 ft., 6 in. face.



No. 8 Column.

Open or closed back.

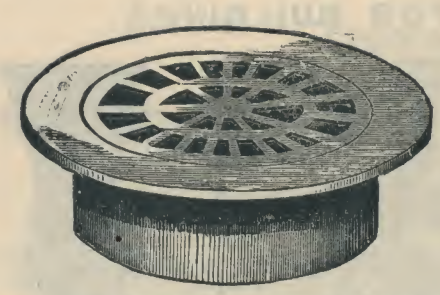
Made any height or size desired. Scale, 1 in. to 1 ft., 6 in. face.



No. 9 Round Column.

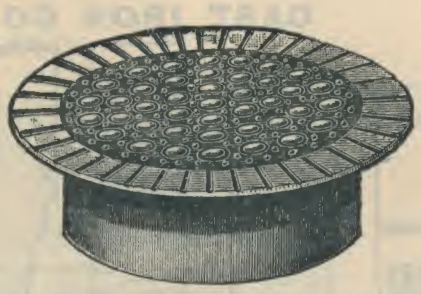
Base 8 in. round, plain shaft 5 in. round, upper cap 10 in. round. Made any height or size diameter. Scale, 1 in. to 1 ft.

I illustrate above patterns of Columns which can be furnished without extra charge for patterns. In writing for estimates on columns, be particular to state height, diameter or size and thickness of metal. Columns made to special drawings, or drawings furnished upon receipt of specifications of what is wanted. I make a specialty of all kinds of Builder's Iron and Wire Work and invite correspondence from architects and builders, and others interested.



Cast Iron Coal Hole with Ventilator.

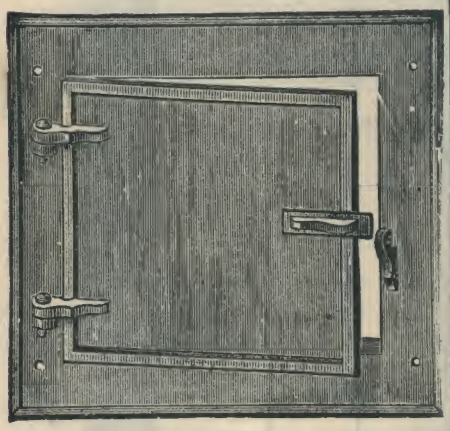
		COVER ONLY.	COVER AND RIM.
16 inch	each,	$2 00	$5 50
17 "	"	2 25	5 75
20 "	"	2 50	6 00



No. 20 Coal Hole and Illuminating Cover.

		COVER ONLY.	COVER AND RIM.
16 inch	each,	$4 50	$ 7 50
18 "	"	5 50	9 50
20 "	"	7 00	11 00
24 "	"	8 00	14 00

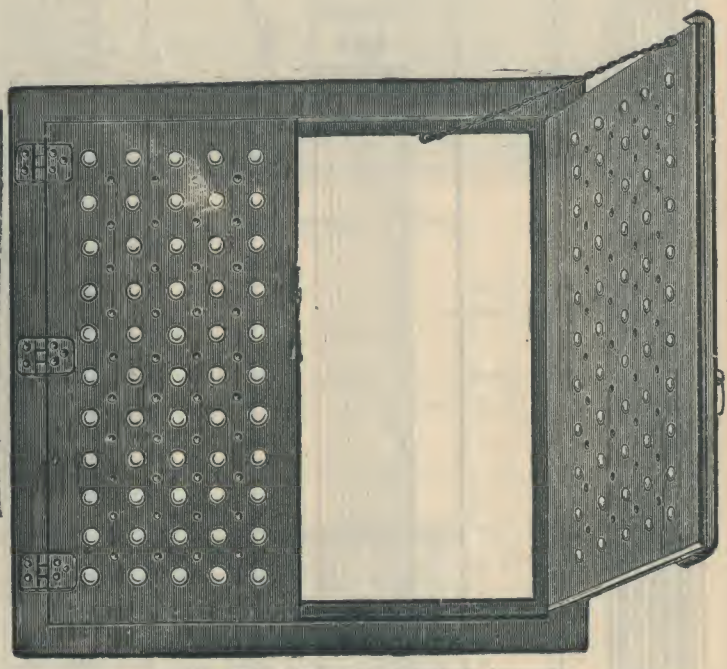
Write for estimates, giving size and quantity wanted.



Ash Pit or Flue Doors.

Door 7 x 9	per dozen,	$15 00
" 7 x 12	"	18 00
" 10 x 12	"	24 00
" 12 x 15	"	30 00

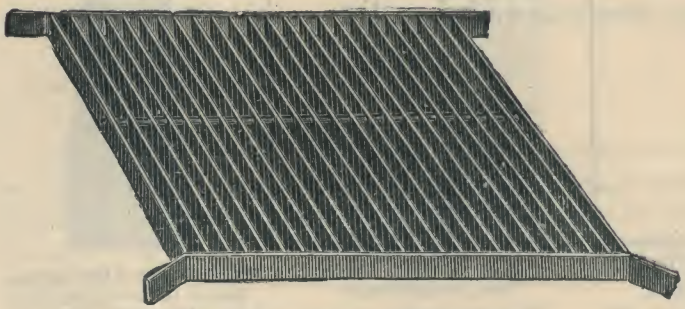
With Wall Anchors and Painted.



Illuminated Steel Plate Doors.

Price.....per square foot, $3 50

Can be made for different size openings.



No. 1¼ Wrought Iron Grating.

Made of about 1¼ x ¾ inch wrought iron, with about 1⅛ x ¾ inch iron frames.

For Sidewalks in front of store windows, made to set into stone flagging or wood frame. Can be made any size and to open on hinges if desired.

In writing for estimates give exact size of opening. They can be made any ize desired. Prices quoted upon application.



Wrought Iron Shutters.

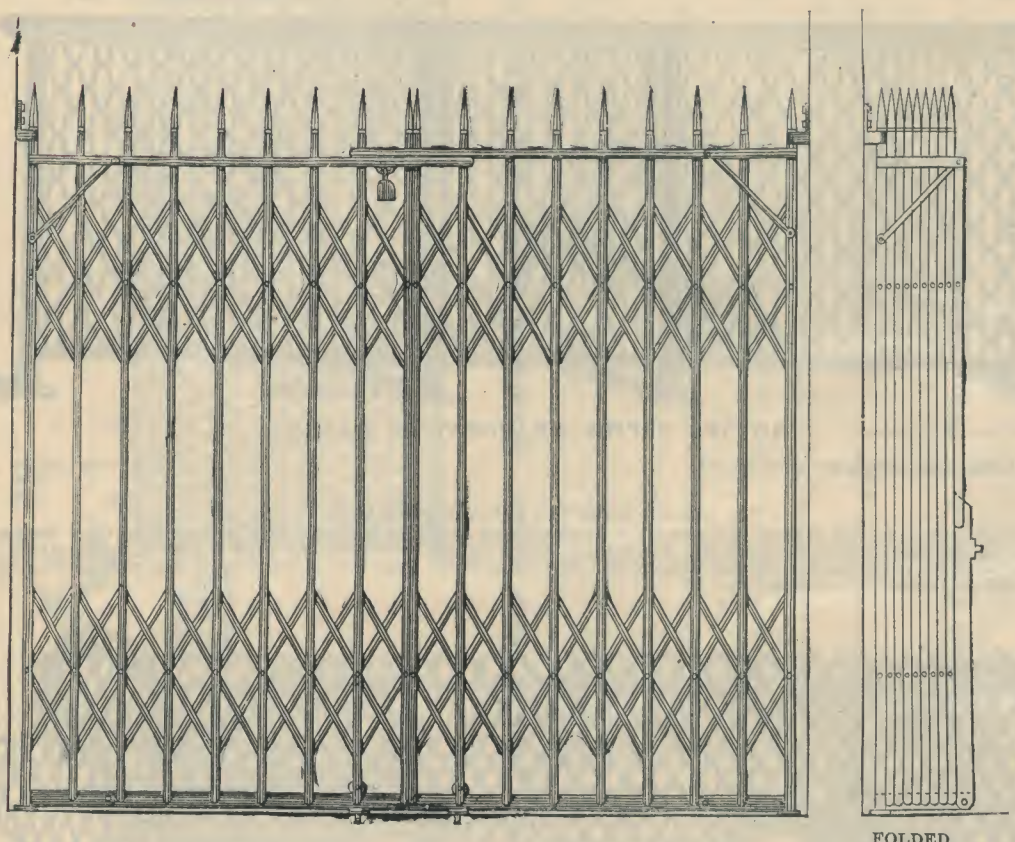
No. 16 iron is generally used for shutters and doors, and occasionally No. 14 iron, when an extra heavy door is wanted: they are made with wrought iron hinges. A heavy wrought iron frame is riveted around the edge of the sheet iron, making it very solid. In writing for estimates send a sketch showing the exact size of opening and mention whether round or square top.

FOLDING STEEL GATES

ARE INDISPENSABLE FOR

STORE FRONTS, DAY DOORS FOR BANK VAULTS,

GUARDS FOR ALL DOORS AND WINDOWS, ENTRANCE OR DRIVEWAY GATES, THEATRE AND OPERA ENTRANCE GATES, BANK OR OFFICE GATES, ELEVATOR GUARDS FOR PUBLIC BUILDINGS, ASYLUMS, FACTORIES, STORES, STABLES, RESIDENCES ETC.

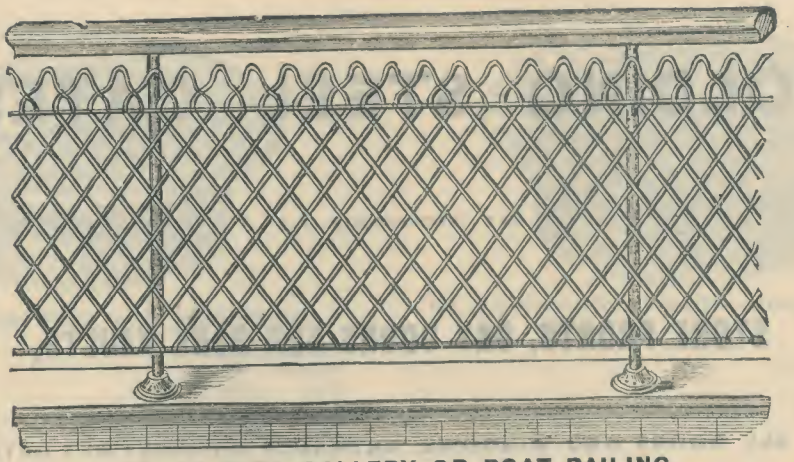


FOLDED.

No. 77 "Bostwick" Entrance or Theatre Gate.

These gates fold compactly at the side of the door, without obstructing the passage, and do not require to be removed and replaced as other gates do. This style of gate is specially desirable for large openings.

These are the only PERFECT and SECURE Gates and Guards that can be FOLDED entirely out of sight when not in use.

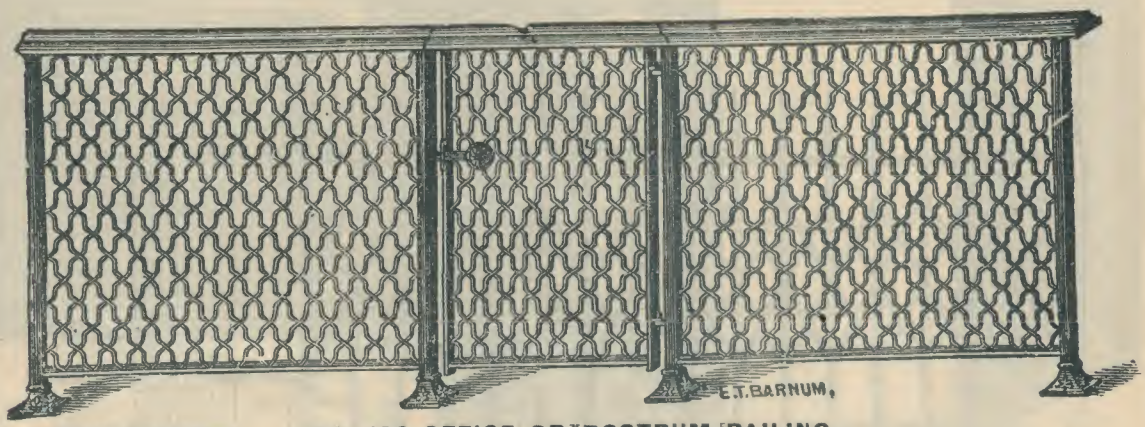


NO. 24 WIRE GALLERY OR BOAT RAILING.

WIRE WORK ONLY.

2½	inch mesh,	No. 10	wire,	18	inches high	per lineal foot, 40c.
2½	"	" 9	"	20	"	" 45c.
3	"	" 8	"	22	"	" 50c.
3	"	" 8	"	24	"	" 55c.

For a cheap, continuous railing in long lengths, there is nothing better than the above. It is especially desirable for decking of boats. When used for this work, it is attached at bottom and top to the wood base and top rail of the boat. If desired, can furnish Iron Posts at $1.50 each. This work is painted and shipped in rolls of convenient lengths.



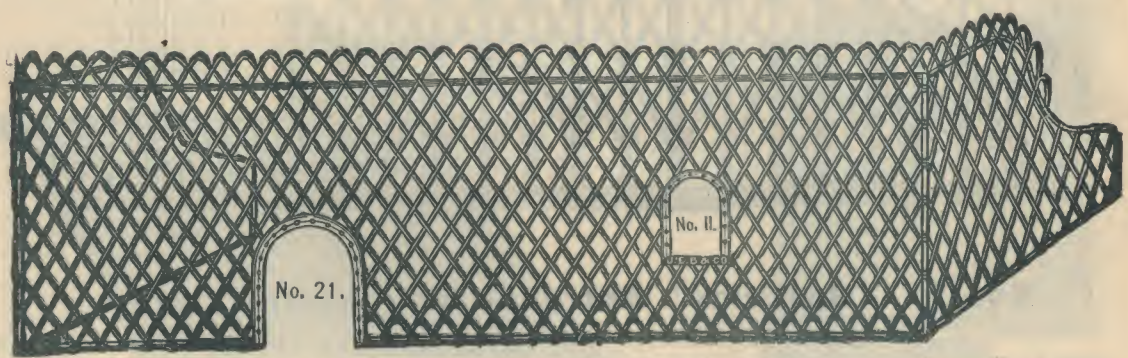
Copyrighted, 1881, by E. T. Barnum.

NO. 126 OFFICE OR ROSTRUM RAILING.

26	inches high,	including	walnut	top	rail	per lineal foot, $2 25
30	"	"	"	"		" " 2 50
36	"	"	"	"		" " 3 00

Gate with bronze knob and catch, extra, $3.50.

This new pattern is made of heavy wire rods and is strong and very handsome in appearance. It is used for office divisions and enclosures, also for rostrum and gallery railings. For this purpose the top can be covered with plush if desired, costing a trifle extra. The posts have bases which fasten to the floor with screws. This railing is also made with diamond mesh iron work, costing less, and when painted and bronzed is very attractive.



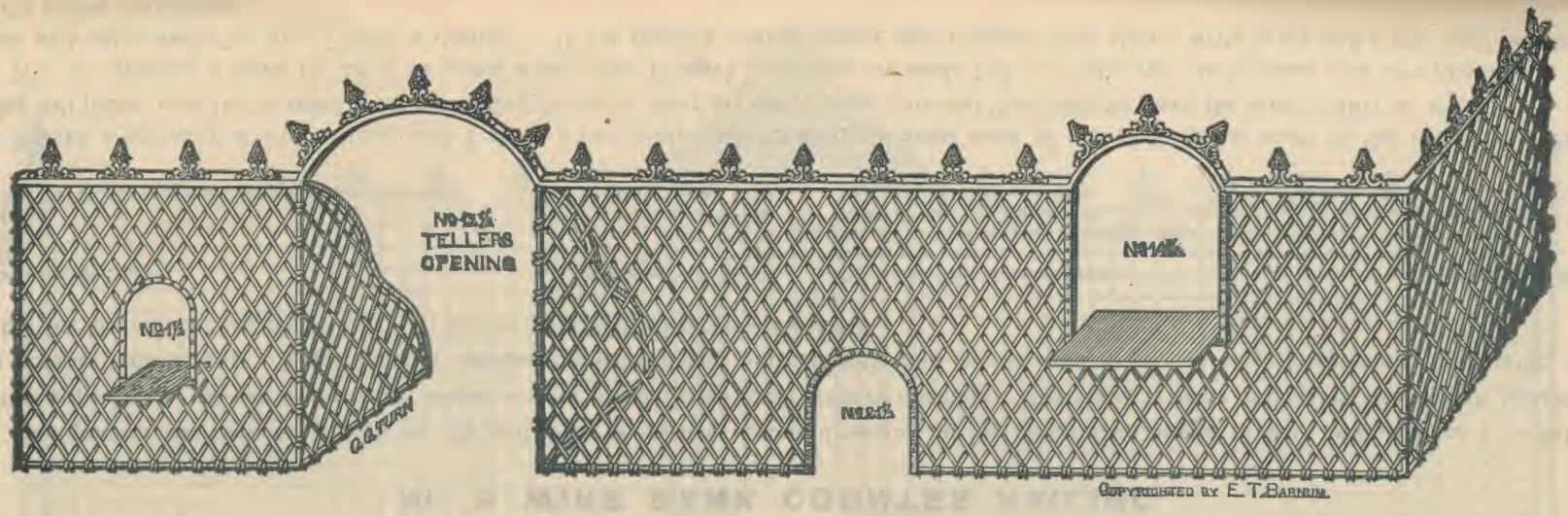
Copyrighted, 1881, by E. T. Barnum.

NO. 2 CRIMPED WIRE COUNTER RAILING.

15	inches high	per running foot, $0 85		24	inches high	per running foot, $1 10	
18	"	" " 95		30	"	" " 1 30	
20	"	" " 1 00		36	"	" " 1 50	

No. 11 Cash Hole, size 7x8 or 8x10, extra, $1.00. O. G. ends, extra, $1.00. No. 21 Cash Hole, size 10x12 or 12x14, extra, $1.50; with ornamental door and bronze catch, $3.00 net.

This railing is not intended for large offices, but more especially for store counters, desks, etc., where a serviceable but low priced railing is required. The frame is ¼ to 5-16 inch round iron, with 1¼ inch mesh, crimped diamond wire work. It is desirable to have the ends turn in or project over the counter to help strengthen it, unless each end can be secured to wood work. Iron braces accompany the railing when in long pieces. It is handsomely painted and bronzed.



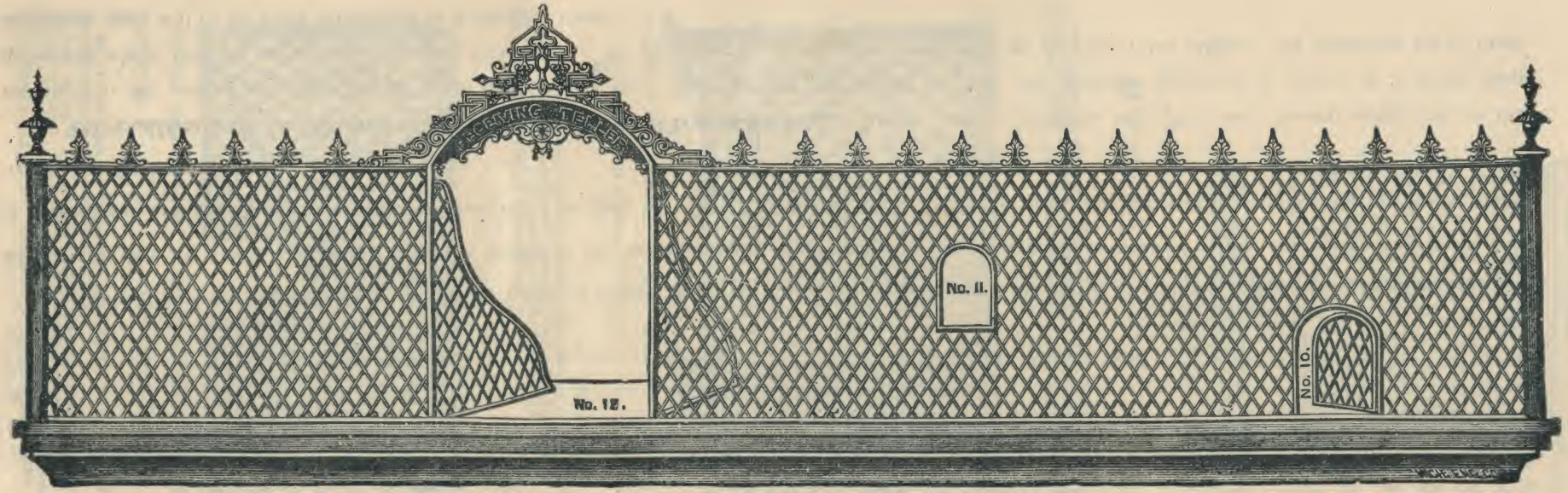
NO. 20½ WIRE COUNTER RAILING.

18 inches high, per lineal foot	$1 25
24 " " "	1 50
30 " " "	1 75
36 " " "	2 00
42 " " "	2 25

No. 12½ Arch, with Pickets	$2 00
" 12½ O. G. Turns, each, extra	1 50
" 21½ Cash Hole	2 00
" 1½ " with Walnut Shelf	3 00
" 14½ " " "	4 50

The width of the 12½ opening is usually 24 inches, and the length of the O. G. depends upon the width of counter. No. 1½ Cash Hole, 7x8; No. 21½, 10x12, and No. 14½ to correspond with the height of the railing, usually 14x16 inches. This is a good, serviceable railing for offices and stores. It is painted and bronzed, and more ornamental than No. 2 on page 20. The Top Bar is made of channel iron, and the wire is securely clinched to a round iron bar at the bottom.

Directions to be Observed in Ordering Wire Railing.—Always send a diagram, and give exact measurements where the railing is to set; also location and size of Cash Holes, Gates, etc. State pattern and height wanted, and how the ends are to fasten, as I finish them differently where they do not attach to wall or wood-work. Be particular to state which is the front or outside of the railing. By observing all of these directions there will be no delay occasioned in writing for them.



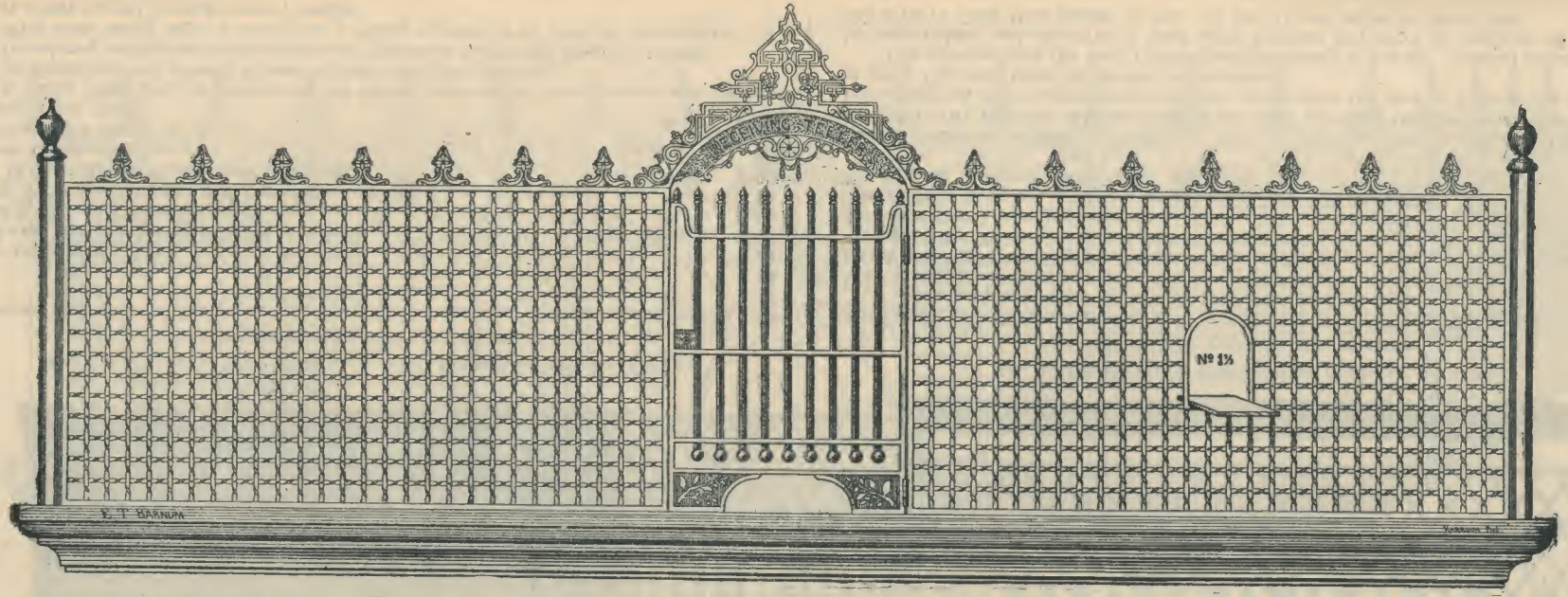
No. 5 WIRE BANK COUNTER RAILING.

This pattern has bronzed pickets on top and with or without bronzed rosettes in the center (not shown in cut), which gives it a finished and attractive appearance. It can be made any shape, with or without posts, cash holes or openings. The frame is made of channel iron, which fastens securely to the counter with screws. This railing is handsomely painted and finished with gold bronze, and is very strong, ornamental and durable, and more desirable for fine offices than No. 2 style. It can be made without pickets if desired.

24	inches	high	per square foot,	$1	00	Pickets on Top, Bronzed, extra	per lineal foot, $ 20
30	"		"		90	Rosettes in center	" 20
36	"		"		85	No. 12 Arch, with Gold lettering, extra	each, 3 00
42	"		"		80	Posts, or No. 11 Cash Holes	" 1 50
No. 12, O. G. wings and projection for extra work			extra, each,	2	00	No. 10 Cash Hole and Door	" 3 00

I make a specialty of wire railings, and I think I can justly claim to make the finest work of this kind that is made in the country. Parties when ordering will please bear this in mind when comparing prices, as many are copying my cuts and thus claim to make the same quality of work.

No. 12 opening is made 16, 18 or 24 inches wide; Nos. 10 and 11 openings are made 7x8 or 10x12, and can be made with or without glass shelf and door or with gates similar to No. 17 gates if desired. If you desire a railing lighter and cheaper than above, write to me and I will mail you one of my complete railing catalogues.



COPYRIGHTED BY E. T. BARNUM, 1891.

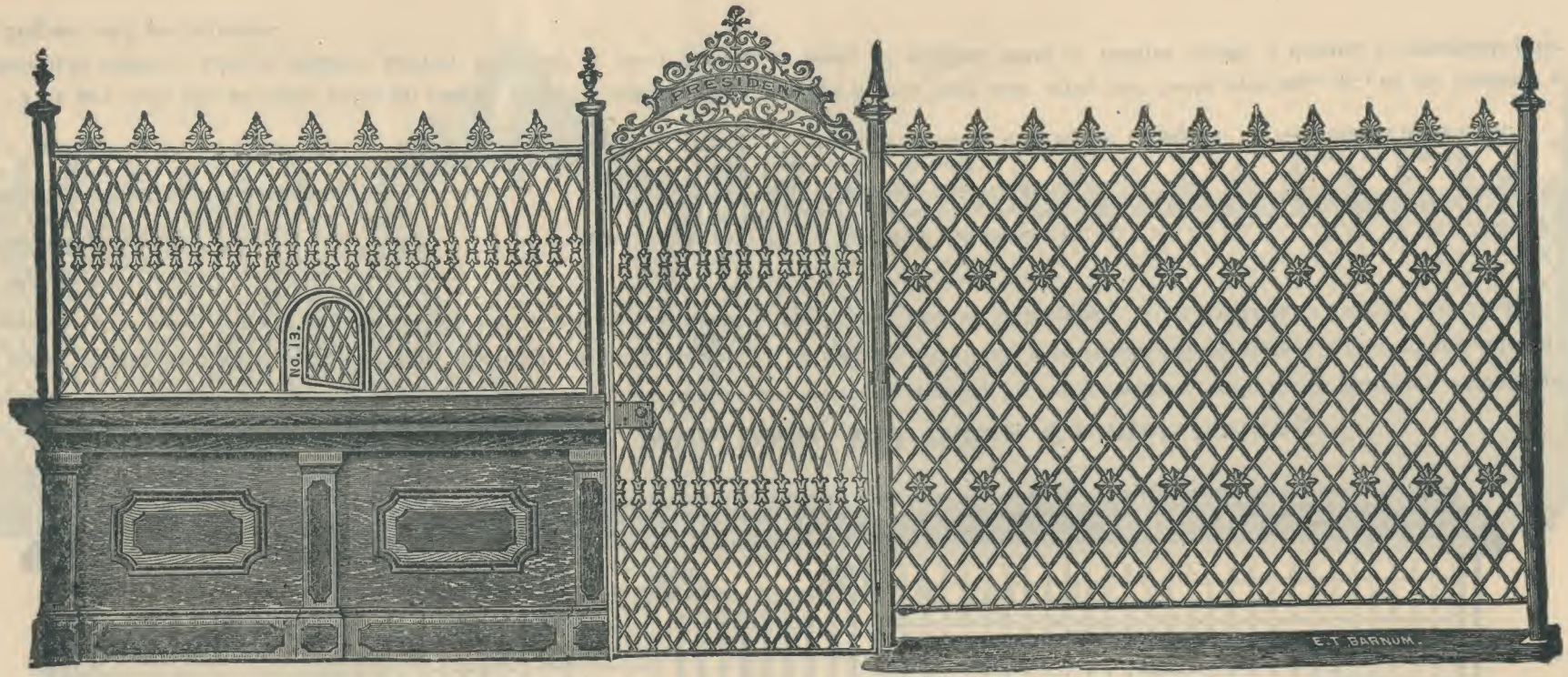
No. 13 New Pattern Flat Wire Bank and Office Counter Railing.

This is a new and very handsome pattern, and was designed to meet the increasing demand for more elaborate work of this character, which would be in better keeping with elegant office furniture of modern banking houses. It is made of flat ribbon wire twisted, which gives it a finished and attractive appearance. The frame is made of channel iron with a bottom bar, which is fastened to counter with screws. It is handsomely painted and finished in gold bronze.

24 inches high	per square foot,	$1	65
30 "	"	1	60
36 "	"	1	55
42 "	"	1	50
No. 1½ Cash Hole, without walnut shelf		2	00
No. 1½ Cash Hole, with walnut shelf		$3	00
Ornamental Walnut Posts, each 24 in., $1.75; 30 in., $2.00; 36 in., $2.25; 42 in.		2	50
Arch, with lettering (over No. 6 wicket)		3	00
Pickets on top, "bronzed"	extra, per lineal foot,		20

For price of Polished Brass Wicket, see page 31. No. 6 same as shown in cut.

This new style, like all other patterns, can be made to order any size or shape desired with such style, cash holes, openings, etc., as the business of the office may require. Can be finished entirely with gold or silver bronze, or made of polished brass or antique finish, if desired, at reasonable price. Send diagram and get estimate.



No. 6½ Pattern Wire Railing, with Door to Private Office.

HANDSOMELY PAINTED AND BRONZED.

24 inches high	per square foot,	$1	20
30 " "	"	1	15
36 " "	"	1	10
Door to Private Office	"	1	10
Arch over Door, including lettering to order	extra,	3	00
Usual Lock and Trimmings for Door	"	3	00
Safety Night Lock to open with key only on outside	"	4	00
No. 13 Cash Hole with door and trimmings	"	3	00
Pickets on top, extra	per lineal foot,		20
Rosettes in the centre, extra	"		25
Walnut Posts, extra		1	50

A Safety Night Lock is desirable for the door to private office, so as to open with the key only on the outside and prevent anyone without a key from entering.

In ordering railing and doors as above be particular to give the height of counter.

Wire work being light is shipped at a trifling expense to all parts of the country. I always secure special through rates of freight.

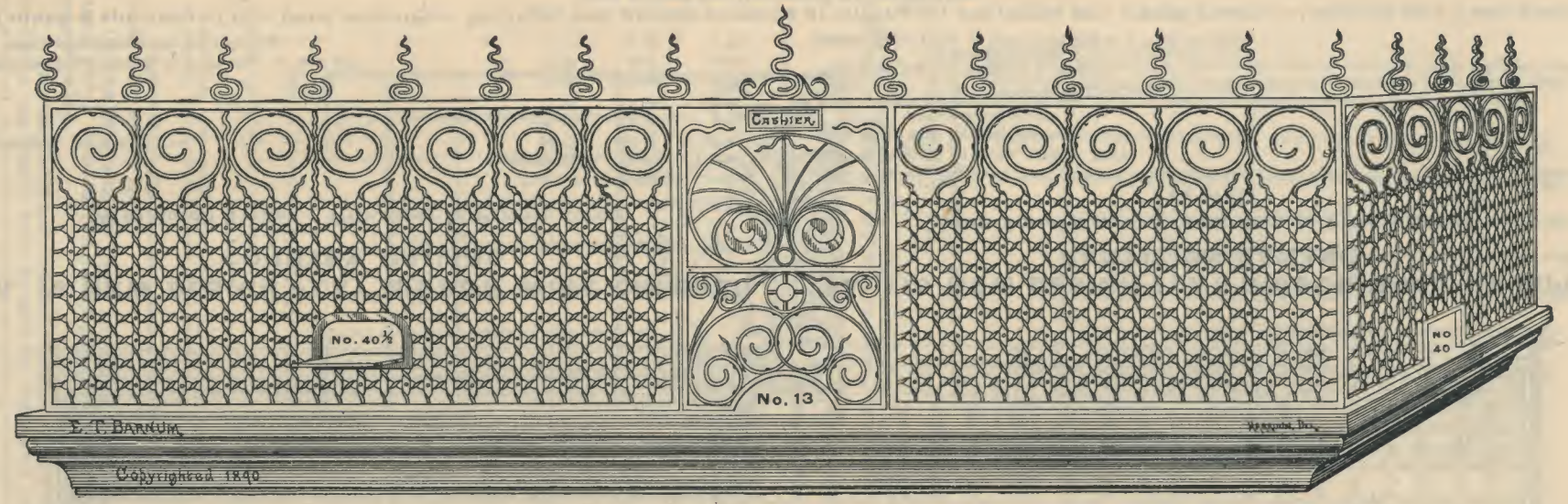
No. 135½ Pattern Office Partition or Railing.

HANDSOMELY PAINTED AND BRONZED.

Any height, including rosettes	per square foot,	$	60
" without rosettes	"		50
Door to match above	"		75
Usual Lock and trimmings for doors	extra,	3	00
Wrought Iron Posts	each,	2	00
Arch over Door, including lettering	"	3	00
Safety Night Lock and trimmings to open with key only on outside	"	4	00
No. 13 Cash Hole with walnut shelf and door	"	5	00
" 13 " " glass " "	"	7	50
Pickets on top not included in height	per lineal foot,		20

This Wire Partition is better adapted for office divisions than any other class of work. It is strong yet neat in appearance, and does not obstruct the view or prevent free circulation of air. The posts fasten to the floor with screws.

The price includes the work finished complete ready to put up. Special estimates given for large orders, and any style of work made to order to protect or partition off an office. Any style of Cash Hole similar to Nos. 13 and 11 can be put in this railing.



No. 17 NEW DESIGN ORNAMENTAL FLAT RIBBON WIRE COUNTER RAILING, TWISTED.

	Price, Painted and Bronzed.	Polished Brass.	Antique Finish.
24 inches high, per square foot	$2 75	$3 50	$3 65
30 " " " "	2 65	3 40	3 55
36 " " " "	2 55	3 30	3 45
42 " " " "	2 45	3 20	3 35

Not made less than 24 inches high.

No. 13 **Ornamental Wicket,** same as shown in cut:

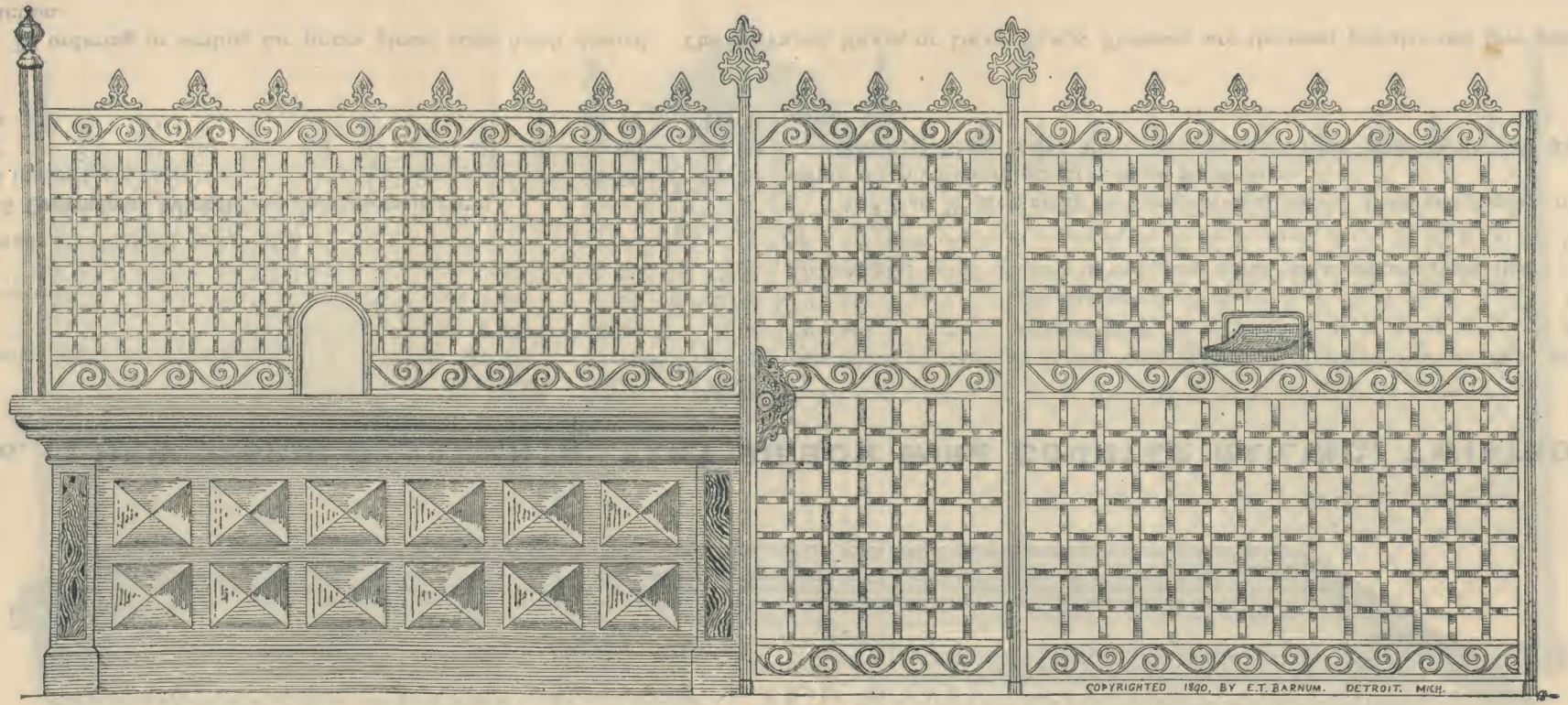
18x24 inches high, each		32 00	34 00
21x27 " "		35 00	38 00
24x30 " "		38 00	41 00

No. 40½ Cash Hole as shown, with glass shelf, size 6x3, 8x4 or 10x5 .. $6 50
" 40½ " without shelf 2 00
" 40 " any size, extra 2 00
Ornamental Scroll Pickets on top, any finish, as mentioned, per lineal foot 0 70

Any size Wicket made at a proportional price. Lock and hinges, or to swing on pivots and lock at bottom, $3.00 extra.

Polished Brass Name Plate, with raised letters, same as in cut, $3.50 extra.

In ordering or writing for prices please state finish desired. The ANTIQUE, BRASS, or DEAD BLACK FINISHES are the most popular and give general satisfaction.



No. 16 NEW DESIGN FLAT RIBBON WIRE CRIMPED COUNTER RAILING.

With Scroll Border. With Door to Private Office.

	Painted and Bronzed.	Polished Brass.	Antique Finish.
24 inches high, per square foot	$2 25	$3 25	$3 45
30 " " " "	2 20	3 20	3 40
36 " " " "	2 10	3 10	3 25
42 " " " "	2 00	3 00	3 30
Partition Railing to match, *not* less than 4½ feet high	2 00	2 90	3 20
Door, when ordered separate from Railing	2 50	3 40	3 70

No. 116 NEW DESIGN FLAT RIBBON WIRE CRIMPED PARTITION RAILING

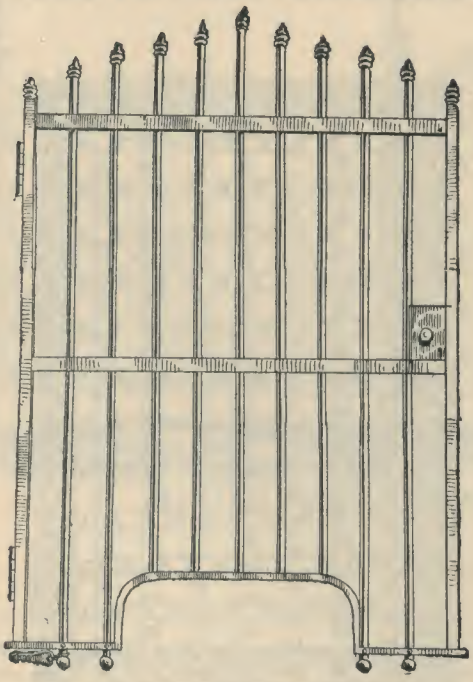
With Scroll Border. With Door to Private Office.

EXTRAS.

Cash Hole, size 7x8, 8x10, 10x12 or 12x14, with Door and Catch extra	each, $3 00
Cash Hole, same as above, without Door	" 2 00
Cash Hole, with Basket, size 4x10	" 6 00
" with Walnut Shelf	" 3 50
Walnut Posts for Counter Railings	" 2 00
Brass " " can be furnished when railing is ordered of brass, at an additional cost.	
Pickets on top, not included in height	extra per lineal foot, 20
" " if made of brass	" " " 40
Safety Night Lock, to open with key only from outside	" 3 00

I make a specialty of fine Bank and Office Railings, and parties ordering or writing for estimates will please observe directions and I will quote you prices for the work all complete.

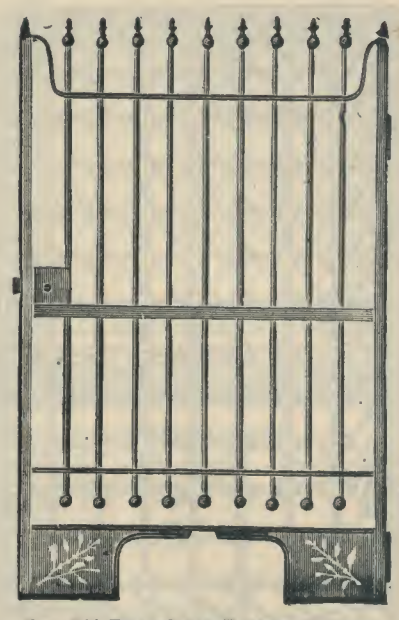
BRASS WICKETS.



No. 4½ Polished Brass Wicket.

18 inches wide by	24	inches high		each,	$18 00
21 "	27	"		"	20 00
24 "	30	"		"	25 00

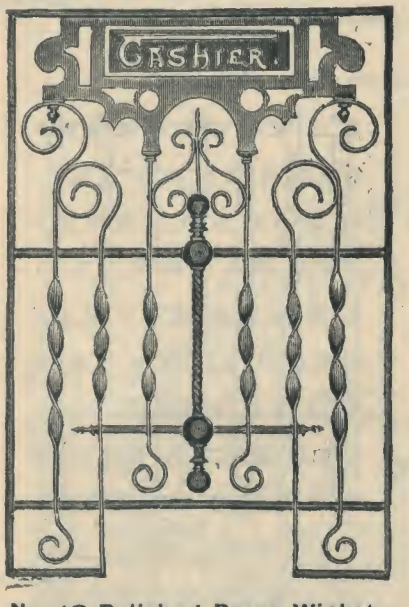
Any size made to order at a proportionate price. If wanted with LOCK and HINGES, add $3.00 to above prices.



No. 6½ Polished Brass Wicket.

18 inches wide by	24	inches high		each,	$20 00
21 "	27	"		"	23 00
24 "	30	"		"	26 00

Can be made with lock and hinges, if so desired, costing $3.00 extra.

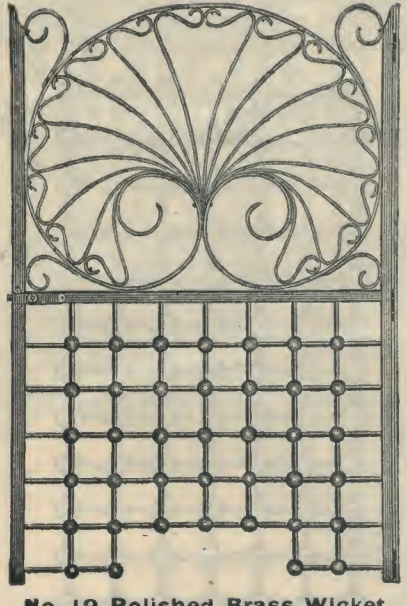


No. 18 Polished Brass Wicket.

WITH NAME PLATE.

18 inches by	24	inches wide, each			$28 00
21 " "	27	" "	"		30 00
24 " "	30	" "	"		33 00

Name Plate with raised letters, $3.00 extra.
If wanted with lock and hinges, $3.00 extra.



No. 19 Polished Brass Wicket.

18 inches by	24	inches wide, each			$30 00
21 " "	27	" "	"		32 00
24 " "	30	" "	"		35 00

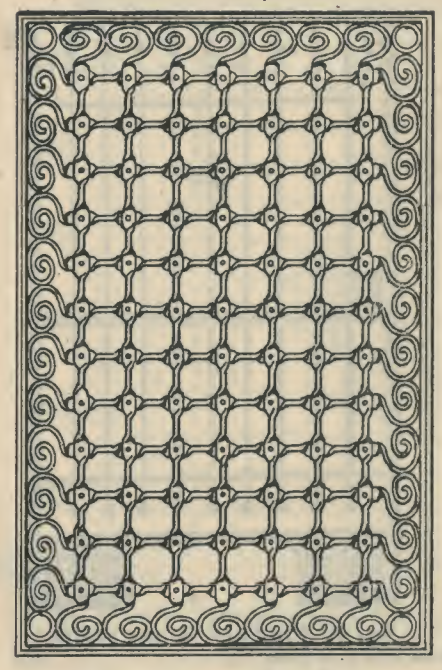
If wanted with lock and hinges, $3.00 extra.

These Wickets can be used in connection with glass railings, and show a handsome contrast with wood work.

Brass Wickets, by their attractiveness, durability and utility, are becoming more popular each year. They afford a sure protection to money and valuables, and only need to be seen to be appreciated.

All my Wickets are made of Brass, highly polished and covered with a transparent lacquer, and can be easily kept bright by cleaning with a sponge and COLD water. Wickets can be furnished to match the style of railing wanted at a slight additional cost. I make a specialty of Brass Wickets, Grills, etc., and can furnish same from special designs at reasonable prices. Write for estimates.

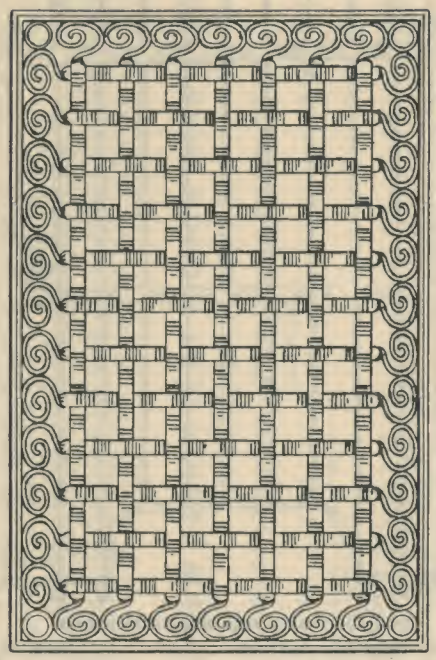
BRASS PANELS FOR COUNTERS AND ELEVATORS.



No. 25 Flat Brass Wire Panel.

QUARTER TWIST, WITH FLAT BRASS FRAMES.

1½ inch mesh, per square foot	$1 75
1¾ " " "	1 65

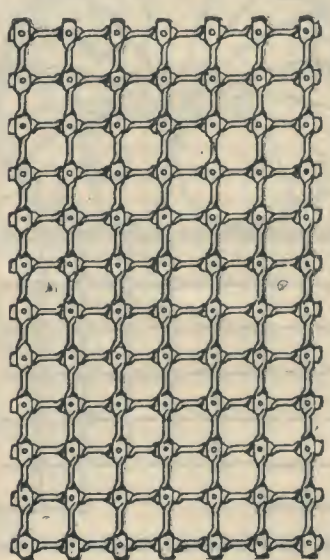


No. 26 Flat Brass Wire Panel.

CRIMPED, WITH FLAT BRASS FRAME.

1¼ inch mesh, per square foot	$1 70
1½ " " "	1 60

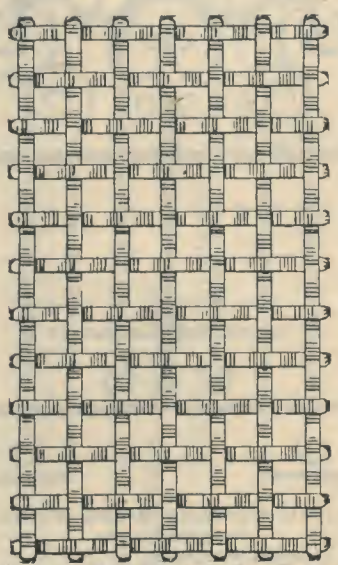
The above Panels are used to set in wood work on Counters, or for Elevators.



No. 25½ Flat Brass Wire Panel.

QUARTER TWIST, WITHOUT FRAME.

1¼ inch mesh, per square foot	$1 10
1½ " " "	1 00
1¾ " " "	90



No. 26½ Flat Brass Wire Panel.

CRIMPED, WITHOUT FRAME.

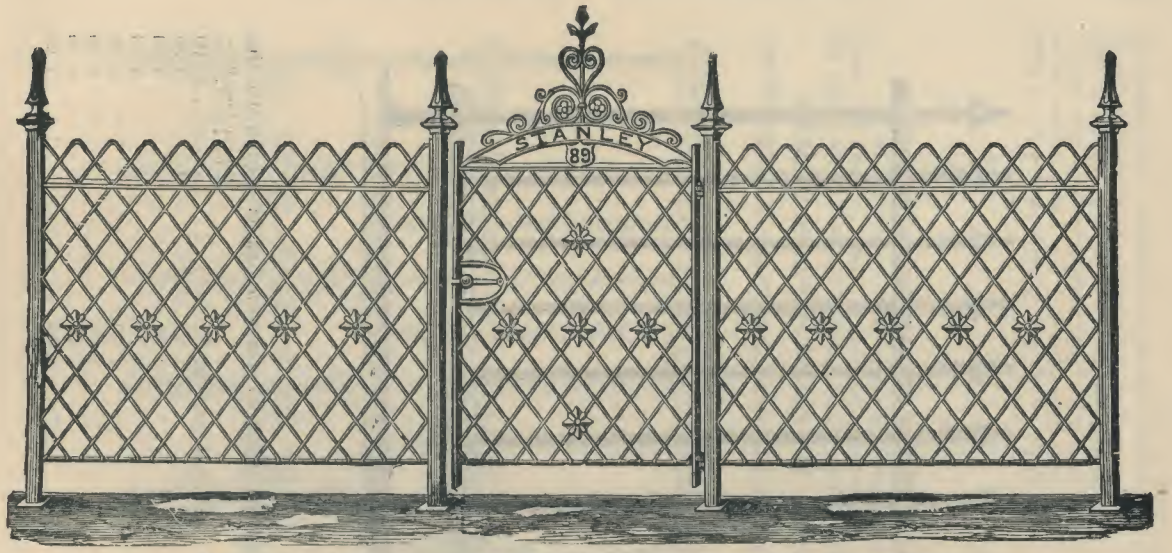
1¼ inch mesh, per square foot	$1 00
1½ " " "	90

These Panels are made without frames so they can be set in wood work like glass, and are fast taking the place of glass in wood railings.

Can be electro-plated any desired finish at a small additional cost. Can be made any size required. Very small panels of this work cost extra.

Send Sizes and Get Estimate.

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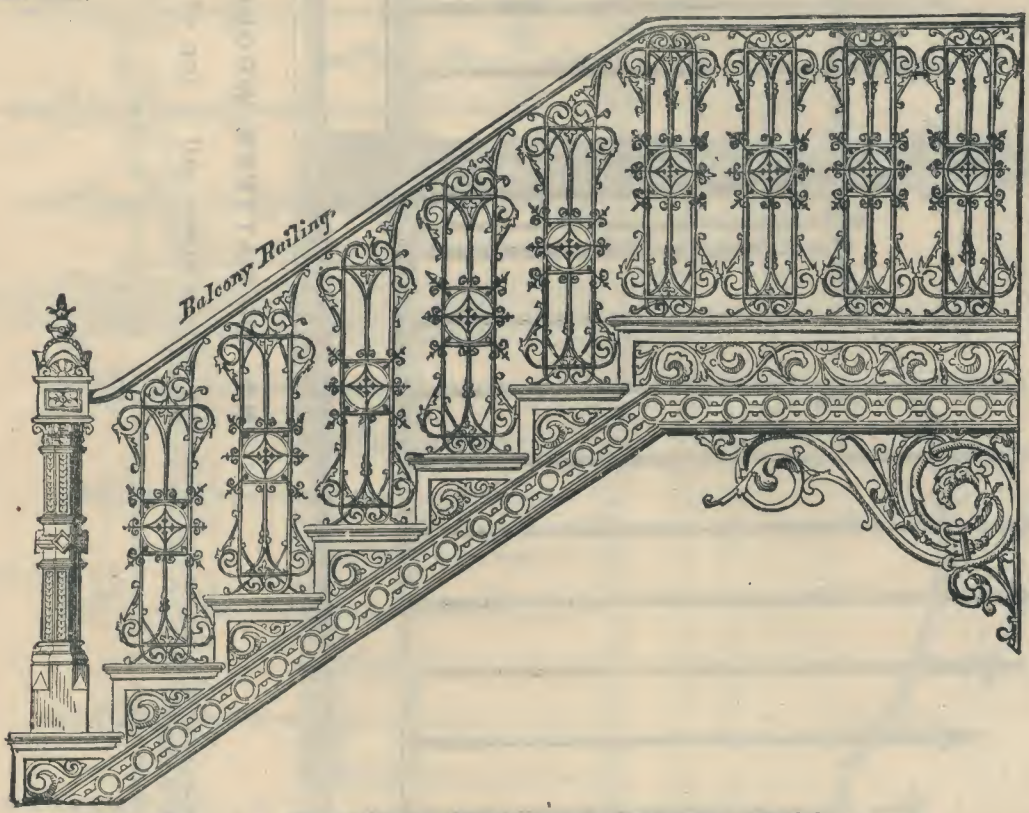


No. 10½ Pattern Heavy Wire Fence, with Rosettes.

		Price for No. 10½, same as above, with Rosettes.	No. 6½, same as above, without Rosettes.
24 inches high	per lineal foot,	$1 25	$1 15
30 "	"	1 35	1 25
36 "	"	1 40	1 30

Gates are $5.00 extra, net—on account of the great amount of extra work upon them, which includes extra braces, hinges, catch, posts, ornamental arch, etc., or made without arch. Name lettered in arch extra.

This is a neat style of wire fence, and it is suitable for Cemetery Lots, Division Fences, etc. The top and bottom bars are 1x½ inch channel iron, and the wire work is made about three inches diamond mesh, of $\frac{9}{16}$ to $\frac{5}{8}$ heavy crimped wire, which is put through the channel iron at the top and fastened securely into the bottom bar, which makes a very durable fence, and especially desirable for anyone wanting an attractive and economical fence. They are usually painted a rich green color.

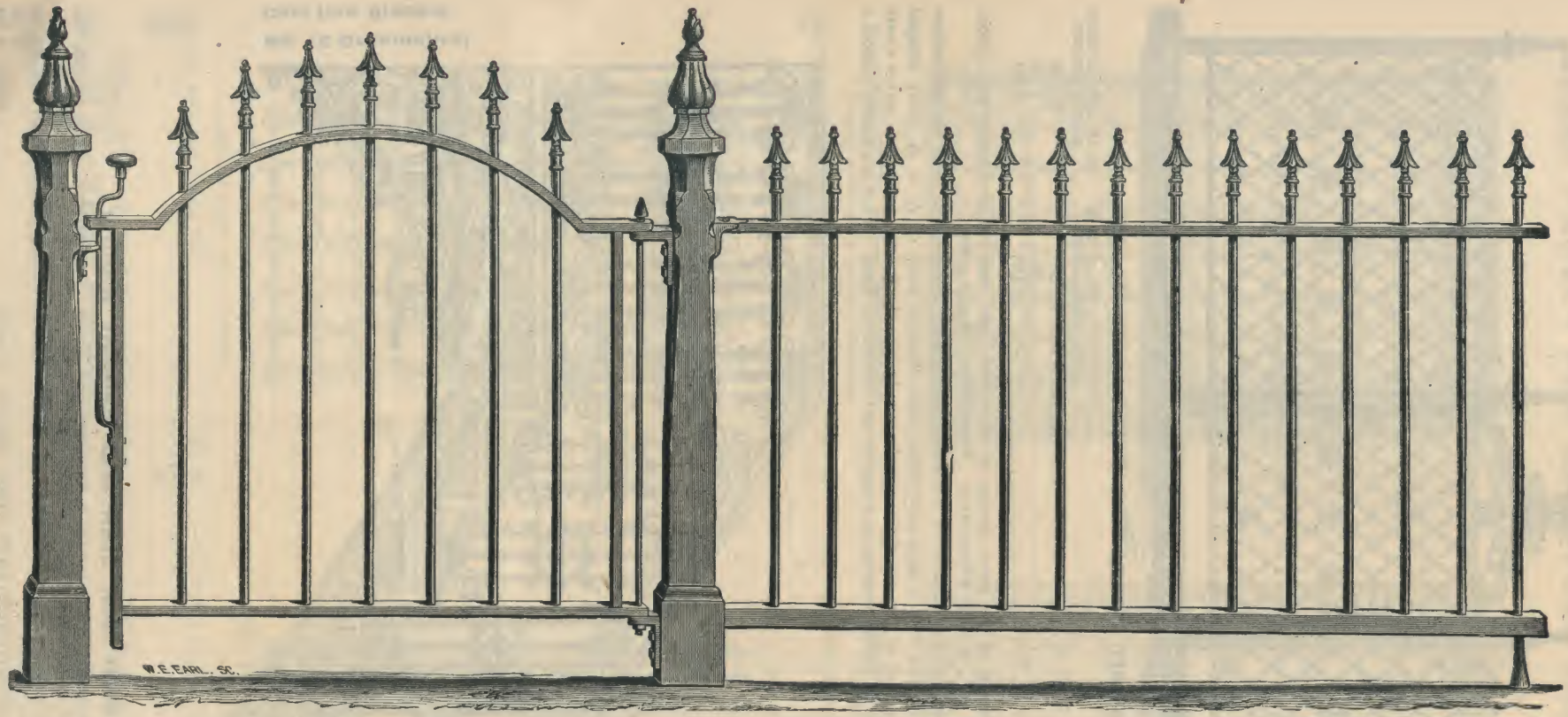


No. 10 Ornamental Cast Iron Bracket.

No. 1¼ Cast Iron Stair and Balcony Railing.

This pattern is light and ornamental, and when up is handsome and showy in appearance. It is suitable for balconies, indoor railing for galleries, stairs, etc.

Railing, 30 inches high, for level balconies	per lineal foot,	$2 00
" 30 " " " stairs (not curved)	"	2 35
Cast Iron Newel Posts	each,	5 00

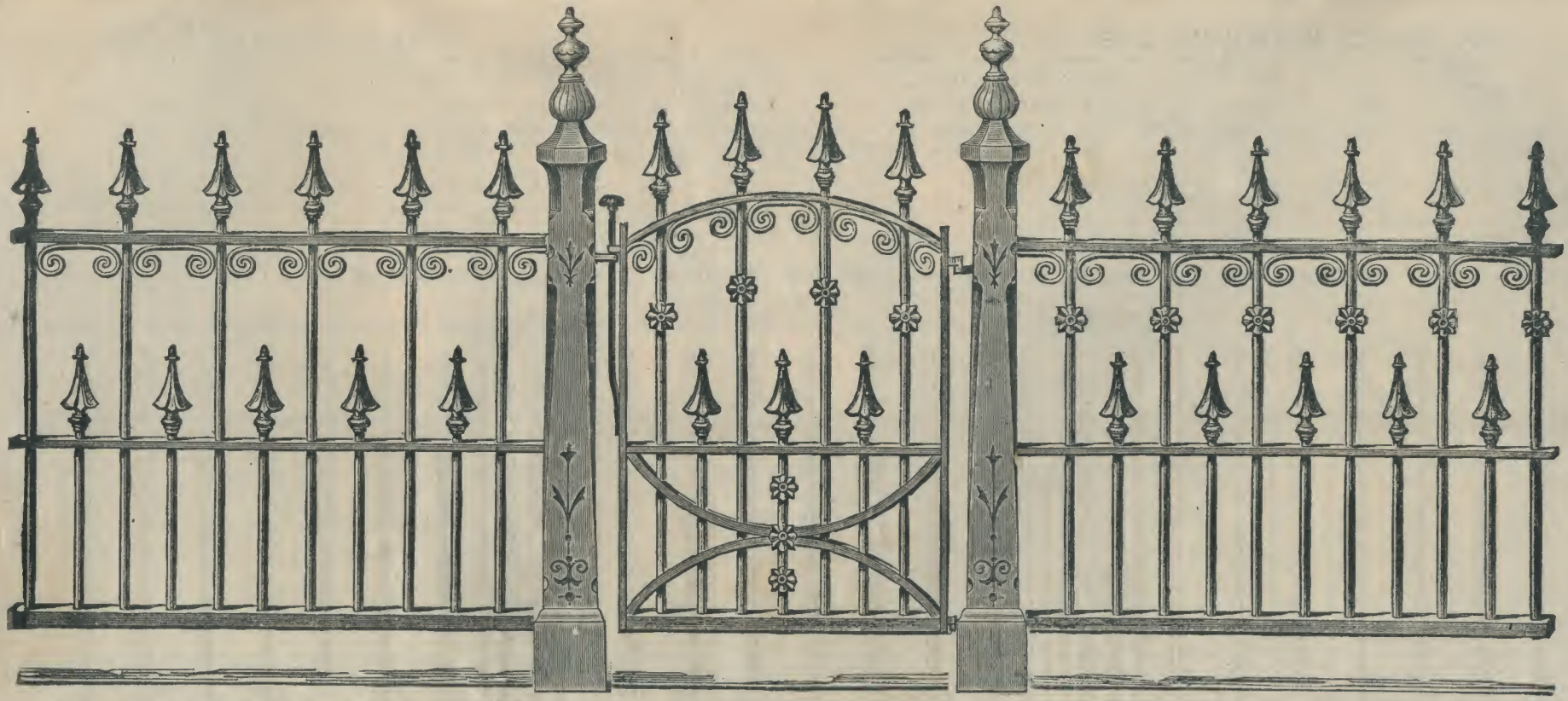


NO. 433 PATTERN WROUGHT IRON FENCE.

The measurements in my fences are always given from **lower rail** to **top of picket,** so that in setting at least three or four inches is added to the height given in the book.

											Extra for Large Posts for Gates and Corners.
3/8	inch Pickets,	26	inches high, or about	30	inches high when set.	Price, including Line Posts	per lineal foot	$1 15	each,	$3 00	
7/16	"	30	" "	34	" "	" "	" "	1 25	"	3 50	
7/16	"	36	" "	40	" "	" "	" "	1 30	"	4 50	
1/2	"	36	" "	40	" "	" "	" "	1 40	"	4 50	
1/2	"	42	" "	46	" "	" "	" "	1 50	"	6 50	
5/8	"	42	" "	46	" "	" "	" "	1 60	"	6 50	
5/8	"	48	" "	52	" "	" "	" "	1 75	"	9 50	
3/4	"	48	" "	52	" "	" "	" "	1 90	"	9 50	

For Line Posts, with Adjustable Foundations, see page showing No. 421 Double Gates.



NO. 244B WROUGHT IRON FENCE.

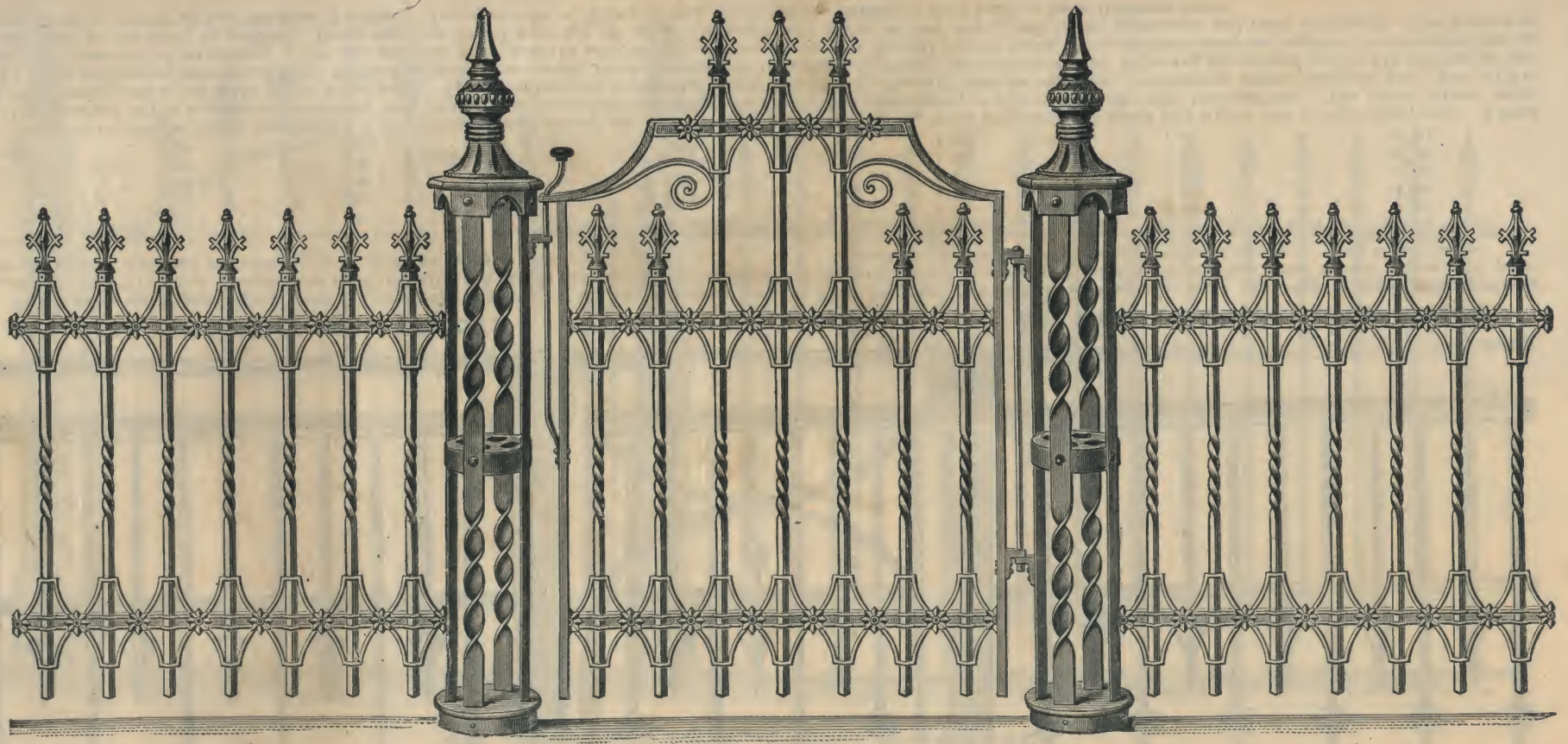
Copyrighted 1879, by E. T. Barnum.

NO. 245B WROUGHT IRON FENCE.

This is a new and popular style of fence and universally admired. It is made in sections from 7 to 8 feet long, and painted with black metallic paint. Opening for single gates, about 3½ feet; double gates, 8 to 9 feet. Single gates are $5.00 extra, and double gates $10.00 net, on account of the great amount of work upon them, which includes extra braces, hinges, cast posts, bronze catch, etc. Bolts and everything go with all fences, ready to set up.

Made with							Price for No. 245.B with Scrolls and Rosettes.	Price for No. 244.B with Scrolls under top bar.		Extra for Large Posts for Gates and Corners.
7/16	in. pickets,	30	in. high,	or about	34	in. high when set, including line posts, per lineal foot,	$1 45	$1 35	each	$3 50
7/16	"	36	"	"	40	"	1 50	1 40	"	4 50
1/2	"	36	"	"	40	"	1 55	1 50	"	4 50
1/2	"	42	"	"	46	"	1 65	1 55	"	6 50
5/8	"	42	"	"	46	"	1 80	1 70	"	6 50
5/8	"	48	"	"	52	"	1 90	1 85	"	9 50

The object in view in fencing a residence is to improve its appearance and not to obstruct the view of handsome grounds by clumsy iron fences with a great deal of unnecessary iron. A fence should be open and airy in appearance, of a strong, neat pattern, and not too high or covered with too much ornamentation, so as to obstruct the view from without. The above pattern meets these requirements and is one of the newest styles made. This is the best and cheapest fence in the world and universally used for residences, court houses, parks, cemeteries, etc. The style of pickets, posts and rosettes has been changed a little from those shown in cut, which has improved the general appearance of the fence without increasing the expense, or No. 415 post can be used without additional cost, if so ordered. The cast and line posts have the adjustable foundation shown with No. 421 Double Gates, and sections are easily put together, so that anyone can dig the holes and set the fence in position. Every residence should have one of my new wrought iron fences, as they add greatly to the appearance and value of property. The rosettes on 418 and 429 fence can be used on this fence if desired. For other styles of Wire and Iron Work, see my Catalogue, to be found in every Hardware Store.



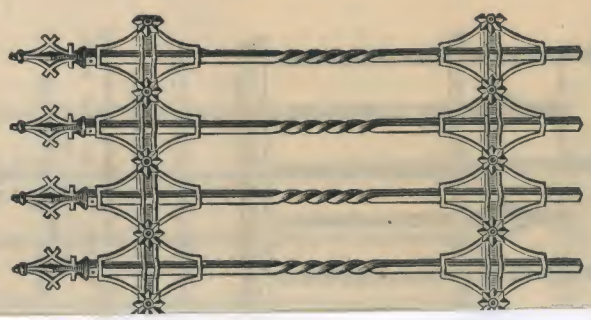
No. 416A New Pattern Patent Ornamental Wrought Iron Fence, Square Pickets, Twisted.

Extra for large Posts for Gates and Corners.

Made with	3/8	inch	Square	Pickets,	Twisted,	30	inches	high,	or about	33	inches	high	when	set		per lineal foot,	$1 70		each, $4 00
"	"	3/8	"	"	"	36	"	"	"	39	"	"	"		"	"	1 75		" 5 00
"	"	1/2	"	"	"	36	"	"	"	39	"	"	"		"	"	1 85		" 5 00
"	"	1/2	"	"	"	42	"	"	"	45	"	"	"		"	"	1 95		" 6 00

Single Gates for 42 in. opening, $5.00 net extra; Double Gates for 8 or 9 ft. opening, when ordered with Fence, $12.00 net extra for hinges, bronze knob, catch and extra work on them. Posts are only required for the Gates and at end of Fence. This Fence can be made plain, without twisted pickets, if desired, costing a trifle less. Anyone having fine grounds or a cemetery lot and wanting an attractive, durable and ornamental Fence, will find this new Fence superior to anything made. It is made of Malleable and Wrought Iron, and worth twice the price of the old style of Fences. Agents wanted in every city. Fences are all painted with metallic rust-proof paint and made in sections, so that it takes good men about one day to set up 100 feet. Do not purchase till you have seen this Fence.

E. T. BARNUM, Detroit, Mich.



sted. Extra for large Posts for Gates and Corners.

.....each, $4 00
..... " 5 00
..... " 5 00
..... " 6 00

ra for hinges, bronze knob,
without twisted pickets, if
Fence, will find this new
Fences. Agents wanted
ay to set up 100 feet. Do
, Detroit, Mich.

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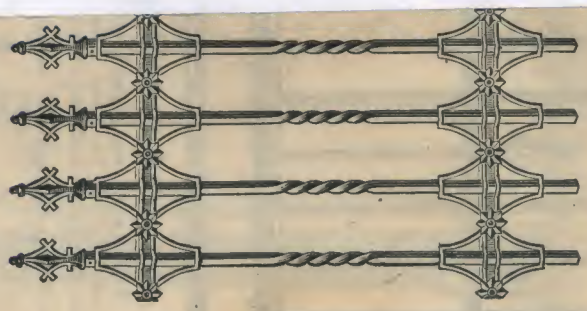
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No. 4

Made with ⅝ inch Square
" " ⅜ " "
" " ¼ " "
" " ½ " "

Single Gates for 42 i
catch and extra work or
desired, costing a trifle le
Fence superior to anythi
in every city. Fences a
not purchase till you have